

**ADDENDUM NO. 1**

New Castle County Vocational Technical School District  
Hodgson Vo-Tech High School  
Bid Package E - Fieldhouse, Athletic Fields, and Storage Buildings

December 22, 2025  
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**Bids will be received until 3:00 PM local time on Wednesday, January 7, 2026.  
The last day for questions is Wednesday, December 31, 2025.**

NOTICE: Attach this addendum to the project manual for this project. It modifies and becomes a part of the contract documents. Work or materials not specifically mentioned herein are to be described in the main body of the specifications and as shown in the drawings. Bidders shall acknowledge receipt of this addendum on the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

Whenever this Addendum modifies a portion of the Project Manual added information is shown as **Bold** and deleted information is shown as ~~striketrough~~.

The contract documents for the above-mentioned project, Project Manual dated November 4, 2025, are amended as follows:

**GENERAL CLARIFICATIONS:**

1. Bid Documents may be viewed and downloaded at EDiS' FTP site. To obtain access to the FTP site, please submit your request via email to Jackie McKee at [jmckee@ediscompany.com](mailto:jmckee@ediscompany.com).
2. Physical copies of bids will be received at the office of New Castle County Vo-Tech School District, 1417 Newport Road, Wilmington, DE 19804 until **3:00 PM local time on Wednesday, January 7, 2026**. The outer envelope should clearly indicate: "NEW CASTLE COUNTY VOCATIONAL TECHNICAL SCHOOL DISTRICT - HODGSON VO-TECH BID PACKAGE E - FIELDHOUSE, ATHLETIC FIELDS, AND STORAGE BUILDINGS CONTRACT BPE-\_\_\_\_\_ SEALED BID – DO NOT OPEN." Bids may be hand delivered or mailed/shipped. Electronic bids will not be accepted. Bidder assumes full responsibility for timely delivery at location designated for receipt of bids. Any bids received after the stated time will be returned unopened.
3. Pre-bid meeting agendas and sign-in sheets are attached for your use.  
NOTE: the contractors who attended the mandatory Prebid meeting are the only contractors that are allowed to bid on Contract E-01 Demolition.
4. On Monday, December 29, 2025, at 8:00 AM there will be a site walkthrough of the existing Hodgson Vo-Tech building for all interested bidders. Please meet at the main lobby area at 8:00 AM promptly. This site visit is not mandatory.



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5. Engineer's Disclaimer and Acceptance CAD release form is attached. Any contractor requesting Civil CAD files will need to complete this form and return it to Jackie McKee, [jmckee@ediscompany.com](mailto:jmckee@ediscompany.com).
  6. Refer to Attachment "D" for Phasing of the demolition of the structure. Phase I demolition shall include the Gym and the Greenhouse areas. This area will be available to start demolition after the abatement process has been completed. (Refer to bidding schedule for sequencing.) The remainder of the building will be considered Phase II and be available as per the bidding schedule. Refer to scope of work for Contract E-01 for additional details on the building demolition.
  7. Attached are NCCVT Table #1 and Table #2 for the existing Hodgson H.S. These tables list the Asbestos that will be removed from the building during the summer 2026 abatement program. Anything not on these tables will remain in and with the building.  
Note: Where locker areas are indicated to be abated, the lockers will be removed and left in the hallways for Contract E-01 to dispose of.
  8. In response to RFI question #45 we are providing the following information:
    - a. Site Lighting & Fieldhouse:
      - Conduits for site lighting for BPE will stop at phase line 2. Conduits will either be stubbed up or in quasi box. Review attached marked up drawings.
      - Fieldhouse power conduits will stop at Phase 2 line.
      - Fieldhouse data conduits will stop at Phase 2 line.
      - Breakers in main building are owned by BPD contractor. PBE contractor owns extending conduits, all wiring, tie ins and associated shutdowns for night/weekends around school schedule.
    - b. E1 Building:
      - Power conduits will be run back to electric room & within +/-5' of E1 building/well.
      - Data conduit will penetrate the main building and stop; the raceway will run no further into the building. It will be BPE contractors' work to get wiring to the MDF room including method to hang/support wiring. At the E1 building conduits will be +/-5' and need to be extended into the E1 building.
      - In main electric room the E1 building will be fed from P1MED panel. BPE contractor will own required breakers, wiring and conduit extension as needed for complete installation. Refer to attached RFI 533 & RFI 581.
      - Use called out spaces or spares for breaker per RFI responses.



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- BPE contractor will own shutdown around the school's schedule to make tie ins into electrical system.
  - This contractor will own misc. conduit tie ins in the main electric room in main building to panels required.
- c. See the following attached documents:
- RFI #533
  - RFI #581
  - Sheet E1 – Electric Data Service Layout
  - Bid Package E Conduit Stop Points, Sheets FA-E003, FA-E004, and FA-E005

**QUESTIONS AND ANSWERS:**

1. The pre-bid RFI questions and answers log is attached for your use.

**MODIFICATIONS TO SPECIFICATIONS:**

1. SECTION 001100 – TABLE OF CONTENTS – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.
2. SECTION 000115 – LIST OF DRAWINGS - DELETE this section in its entirety and INSERT revised sections, annotated Addendum No. 1 and dated December 22, 2025.
3. SECTION 004100 - BID FORM AND ATTACHMENTS - DELETE this section in its entirety and INSERT revised sections, annotated Addendum No. 1 and dated December 22, 2025.
4. SECTION 007343 – WAGE RATE REQUIREMENTS – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.
5. SECTION 011100 – SUMMARY OF WORK – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.



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6. SECTION 012200 – UNIT PRICES – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.
  7. SECTION 012300 - ALTERNATES – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.
  8. SECTION 015113 - TEMPORARY ELECTRICITY - DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 and dated December 22, 2025.
  9. SECTION 11 40 00 - FOOD SERVICE EQUIPMENT– ADD this section.
  10. SECTION 11 68 33 - BASEBALL/DUGOUT EQUIPMENT – ADD this section.
  11. SECTION 11 68 44 – STADIUM SCOREBOARD & OUTDOOR LIVE DISPLAY – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 1 dated December 22, 2025.

**MODIFICATIONS TO DRAWINGS:**

1. SHEET G-001 – COVER SHEET VOLUME 1 – DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
2. SHEET G-001A – COVER SHEET VOLUME 2 – DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
3. SHEET G-001B – COVER SHEET VOLUME 3 – DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
4. SHEET C110 - SITE LAYOUT AND UTILITY PLAN - DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
5. SHEET C113 - SITE LAYOUT AND UTILITY PLAN - DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
6. SHEET C121 – GRADING PLAN - DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.



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- a. Revised grading in the mechanical yard. Finished floor for building E1 raised one (1) foot to elevation 83.
  7. SHEET C524 – ATHLETIC FIELD DETAILS AND SECTIONS - DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
  8. SHEET FA-005 – STADIUM TURF FIELD GRAPHICS – ADD new sheet annotated Addendum No. 1 dated December 22, 2025.
  9. SHEET FA-M001 – LEGEND AND ABBREVIATIONS – HVAC - DELETE this sheet in its entirety and INSERT revised sheet, annotated Addendum No. 1 dated December 22, 2025.
    - a. ADD HVAC General Note “D” to read: “Existing hydronic heating water secondary pumps currently being installed in the main building to be re-tested and balanced and the DP sensor re-set once the fieldhouse is connected to the main building heating water piping system.”

**LIST OF ATTACHMENTS:**

Pre-Bid Meeting Agenda dated December 16, 2025  
Pre-Bid Meeting Sign-In Sheets dated December 16, 2025  
Pre-Bid RFI Questions and Answers Log  
Section 001100 Table of Contents  
Section 000115 List of Drawings  
Section 004100 Bid Form and Attachments  
Section 007343 Wage Rate Requirements  
Section 011100 Summary of Work  
Section 012200 Unit Prices  
Section 012300 Alternates  
Section 015113 Temporary Electricity  
Section 11 40 00 Food Service Equipment  
Section 11 68 33 Baseball/Dugout Equipment  
Section 11 68 45 Outdoor Live Video Display  
Sheet G-001 – Cover Sheet Volume 1  
Sheet G-001A – Cover Sheet Volume 2  
Sheet G-001B – Cover Sheet Volume 3  
Sheet C110 Site Layout and Utility Plan  
Sheet C113 Site Layout and Utility Plan



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Sheet C121 – Grading Plan  
Sheet C524 Athletic Field Details and Sections  
Sheet FA-005 Stadium Turf Field Graphics  
Sheet FA-M001 – Legend and Abbreviations – HVAC  
Engineer Electronic File Disclaimer  
Attachment “D” – Phase I Demolition  
Abatement Tables #1 and #2  
Prebid RFI #45 Clarification - Conduit Stop Points  
Prebid RFI #45 Clarification - E1 Electric Data Service Layout  
Prebid RFI #45 Clarification - RFI 533  
Prebid RFI #45 Clarification - RFI 581

**End of Addendum No. 1**



| RFI No. | Date     | Submitted By     | Sheet No. | Detail/Section    | Question                                                                                                                                                                                                                                                                                                                                    | EDiS Response                                                                                                                          | Design Team Response                                                                      | Addendum |
|---------|----------|------------------|-----------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------|
| 001     | 12/5/25  | BCI              |           | 01 11 00          | E-06 General Trades scope includes spec section 083300 Rolling Service Doors. This is it's own prime package. Please confirm E-06 is not responsible for these doors.                                                                                                                                                                       | Contract E-10 provides the Rolling Service Doors. Contract E-06 General Trades would own any wood blocking required at these openings. |                                                                                           | 1        |
| 002     | 12/5/25  | BCI              |           | 01 11 00/12 93 00 | E-02 Sitework scope item #17 states for sitework to provide bollards and bike racks. E-06 General Trades contains spec section 129300 Site Furnishings. Please clarify who provides what.                                                                                                                                                   | Contract E-02 Sitework to provide the work of Section 129300 Site Furnishings. Including all bollards (removable or permanent)         |                                                                                           | 1        |
| 003     | 12/5/25  | BCI              |           | 01 11 00          | E-06 General Trades scope item #7 states to provide architectural expansion joint systems including joint covers at concrete slab, drywall, and masonry (interior and exterior). We do not see any expansion joints indicated on the drawings with exception of the precompressed foam seals between the dumpster enclosure and building #1 | Contract E-06 General Trades to provide Scope item #7 work as indicated on the contract documents.                                     |                                                                                           | 1        |
| 004     | 12/5/25  | BCI              | FA-181    |                   | Sheet FA-181 shows a small canopy to the left of the larger canopy, however this is not shown on the building elevations. Please confirm there is also a smaller canopy.                                                                                                                                                                    |                                                                                                                                        | ABHA BSA+A(RY): There is not a small canopy.                                              | 1        |
| 006     | 12/5/25  | BCI              |           | 01 11 00          | E-06 General Trades scope item #24 states to install aluminum storefront vision panels and glazing. Please confirm where these panels are located.                                                                                                                                                                                          | W1 windows are shown on sheet FA-201 Exterior Building Elevations                                                                      | ABHA-SMM: Details can be found on FA-581                                                  | 1        |
| 007     | 12/5/25  | BCI              |           |                   | Who is responsible to install the Salto wireless locksets?                                                                                                                                                                                                                                                                                  | Contract E-06 General Trades installs all hardware including the Salto locksets.                                                       |                                                                                           | 1        |
| 008     | 12/5/25  | Greggo & Ferrara |           |                   | Please provide the CAD Files for Volume Calcs for Phase 2 & 2A - Fieldhouse project                                                                                                                                                                                                                                                         |                                                                                                                                        | Civil CAD files will be sent out with signed document release form included in Addendum 1 | 1        |
| 010     | 12/10/25 | Degli Obizzi     |           |                   | According to the drawings in Hodgson Bid Pack D, the heating water lines are stubbed up into the field house footprint. Please confirm that Bid Pack E has no underground heating water piping to install and that all work is to be performed above the finished floor.                                                                    | The RicWell lines are stubbed up in the mech room of the field house.                                                                  | The underground heating water main shall be extended as required to serve the fieldhouse. | 1        |
| 011     | 12/10/25 | Degli Obizzi     |           |                   | Please confirm that there is no plumbing or mechanical needed in support buildings E1, 2, 3, 4, 5, 6 and 7                                                                                                                                                                                                                                  |                                                                                                                                        | Confirmed                                                                                 | 1        |
| 012     | 12/10/25 | Degli Obizzi     |           |                   | Please provide a bid form for Bid Pack E-15.                                                                                                                                                                                                                                                                                                | E-15 Bid Form will be issued in Addendum No. 1.                                                                                        |                                                                                           | 1        |
| 014     | 12/10/25 | Degli Obizzi     |           |                   | Please provide the wage rate to use for the Co Op participation for bid package 15.                                                                                                                                                                                                                                                         | The wage rate is \$16.50 per hour it can be found in Section 007343 added in Addendum #1.                                              |                                                                                           | 1        |
| 015     | 12/10/25 | Joseph Rizzo     |           |                   | Is the stack bond brick on the fieldhouse to be modular size or utility? There are contradictory details in the drawing set.                                                                                                                                                                                                                |                                                                                                                                        | BSA+A(RY):Utility Size Brick for walls. Modular Brick for Soldier Course.                 | 1        |
| 017     | 12/10/25 | Joseph Rizzo     |           |                   | Please provide wall section details for the dumpster enclosure on building E1.                                                                                                                                                                                                                                                              | The dumpster pad was provided under the previous bid package BP-D.                                                                     |                                                                                           | 1        |



| RFI No. | Date     | Submitted By       | Sheet No. | Detail/Section | Question                                                                                                                                                                                                                                                                                                                                         | EDiS Response                                                                                     | Design Team Response                                                                                                                                                                                                                                                                                                                                        | Addendum |
|---------|----------|--------------------|-----------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 018     | 12/11/25 | EDiS               |           |                | Per the owners selections for door operation Hardware Sets 3, 4, 5, & 6 do not need the interchangeable cores.                                                                                                                                                                                                                                   |                                                                                                   | Confirmed                                                                                                                                                                                                                                                                                                                                                   | 1        |
| 019     | 12/11/25 | EDiS               |           |                | Per the owners selections for door operation Hardware Sets 8 & 9 are meant to have hard wired card reader and interchangeable core for keyed access.                                                                                                                                                                                             |                                                                                                   | Confirmed                                                                                                                                                                                                                                                                                                                                                   | 1        |
| 020     | 12/11/25 | Enterprise Masonry |           |                | Exterior wall sections do not match elevations, one example section A4 A 313 Column line B calls out height of 22'-0" but elevation E6 FA 201 calls out elevation to be 18'-8".                                                                                                                                                                  |                                                                                                   | A4/A 313 is correct. The CMU wall at mid building is 22'-0" H, the CMU wall at SW and SE corners is 18'-8"H.                                                                                                                                                                                                                                                | 1        |
| 021     | 12/11/25 | Enterprise Masonry |           |                | Please confirm interior partitions extend to deck.                                                                                                                                                                                                                                                                                               |                                                                                                   | BSA+A(RY): All interior CMU partitions are to underside deck/structure.                                                                                                                                                                                                                                                                                     | 1        |
| 022     | 12/12/25 | Corrado            |           | 01 11 00       | Contract E-01 Demolition and removal contractor owns complete removal of existing building and foundations in their entirety. For bulk grading purposes, Contract E-02 Sitework & utilities contractor will need to know what elevation the demolished building will be left at before being turned over to sitework contractor. Please clarify. |                                                                                                   | BSA+A (RY): Refer to archival drawings for bottom of the existing building foundations. The existing building to be removed entirely.<br>M&C: E-01 contractor owns filling in all excavated areas and depressions to a level that allows for positive drainage from all areas of the building pad to the existing storm outlets. Assume elevation 81.50 +/- | 1        |
| 023     | 12/12/25 | Corrado            |           | 01 11 00       | Please confirm greenhouses will be demolished as part of contract E-01. Provide elevations post-demolition for these areas also along with any other surrounding structures to be removed per that contract.                                                                                                                                     | Greenhouses are to be demolished under Contract E-01. Civil designer to provide grad information. | E-01 contractor owns filling in all excavated areas and depressions to a level that allows for positive drainage from all areas of the building pad to the existing storm outlets. Assume elevation 81.50 +/-                                                                                                                                               | 1        |
| 024     | 12/12/25 | Corrado            |           |                | Are all lawn areas required to get sod (including all sports fields)? Please clarify which areas are required to get sod and which areas can be seeded.                                                                                                                                                                                          |                                                                                                   | Provide sod at all grass areas surrounding the Field house adjacent storage buildings, ponds, and driveway islands. The practice fields are to be seeded per the contract specifications.                                                                                                                                                                   | 1        |
| 025     | 12/12/25 | Corrado            |           |                | Will the football field @ track area require a logo in the center of the field? If so please provide detail.                                                                                                                                                                                                                                     |                                                                                                   | A new drawings is to be included in Add#1 - FA-005 Stadium Turf Field Graphics to clarify this.                                                                                                                                                                                                                                                             | 1        |
| 027     | 12/12/25 | Corrado            |           |                | Please provide additional information/detail on proposed 10' netting on both sides of track/football field.                                                                                                                                                                                                                                      |                                                                                                   | Detail added to sheet C524                                                                                                                                                                                                                                                                                                                                  | 1        |



| RFI No. | Date     | Submitted By     | Sheet No. | Detail/Section | Question                                                                                                                                                                                                                                                                                                        | EDiS Response                                                                                                                                  | Design Team Response                                                                                                                                                                                                  | Addendum |
|---------|----------|------------------|-----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 028     | 12/12/25 | Corrado          |           |                | Please clarify limits of phase 2 work on sheet C120.                                                                                                                                                                                                                                                            |                                                                                                                                                | There is no Phase 2 work on sheet C120                                                                                                                                                                                | 1        |
| 029     | 12/12/25 | Corrado          |           |                | Please confirm that asphalt is required underneath & at surrounding areas of bleachers in front of field house at track/football field area. Will the bleachers on the other side of the track get the same underneath, or just grass? If required, please clarify which asphalt paving detail to use for this. |                                                                                                                                                | BSA+A(RY):There is asphaltpaving under visitor's bleacher. This info will be added to detail A5 on drawing FA-704. Under Home bleacher next to field house there is an asphalt paving, too. Refer to drawaing FA-701. | 1        |
| 031     | 12/12/25 | Corrado          | C116      |                | Please clarify that the work shown on sheet C116 on the existing water main including the water meter vault/wet tap/8" water was all installed in phase 1 and will not be part of this contract.                                                                                                                | Confirmed, this work was instaled aspart of Phase 1.                                                                                           |                                                                                                                                                                                                                       | 1        |
| 032     | 12/12/25 | Corrado          |           |                | Please clarify what material 2" & 4" water pipe are to be.                                                                                                                                                                                                                                                      |                                                                                                                                                | PVC C900                                                                                                                                                                                                              | 1        |
| 033     | 12/12/25 | Corrado          | C116      |                | Please provide more clarity/information/detail on "proposed well location" sheet C116.                                                                                                                                                                                                                          | The wells were installed as part of the Phase 1 work. Coordination with the existing wells and the irrigation system are part of Contract E-02 |                                                                                                                                                                                                                       | 1        |
| 034     | 12/12/25 | Corrado          |           | 01 11 00       | Please confirm that contract E-02 sitework & utilities does not own any work involved with the dugout buildings.                                                                                                                                                                                                | Contract E-02 would own grading, topsoiling, seed/sod, sidewalks etc.                                                                          |                                                                                                                                                                                                                       | 1        |
| 036     | 12/12/25 | Corrado          |           |                | What material/size is the existing water pipe to be removed? Is it safe to assume existing water is roughly 4' deep?                                                                                                                                                                                            |                                                                                                                                                | Existing water main pipes encountered onsite have been 8". Assume other existing water is the same. Assume that the pipe can be removed by standard construction methods. Assume the water is roughly 4' deep.        | 1        |
| 037     | 12/12/25 | Corrado          |           |                | Please provide detail for filter strips.                                                                                                                                                                                                                                                                        |                                                                                                                                                | There are no filter strip details. Area is to planted as specified on the vegetative stabilization detail on sheet C224                                                                                               | 1        |
| 038     | 12/12/25 | Corrado          |           |                | Please provide a detailed spec for infield mix & warning track material.                                                                                                                                                                                                                                        |                                                                                                                                                | Spec info for infield mix and warning track material is located in Section 312000 Earth Moving spec                                                                                                                   | 1        |
| 039     | 12/12/25 | Mumford & Miller |           |                | Please confirm that the only building foundation that receives waterproofing is the Field House.                                                                                                                                                                                                                |                                                                                                                                                | ABHA-SMM: Fieldhouse and Buildings E1 to E7 to receive foundation waterproofing.                                                                                                                                      | 1        |
| 040     | 12/15/25 | Worth & Company  |           |                | Who will own bringing in the fire protection service?                                                                                                                                                                                                                                                           |                                                                                                                                                | This is a scope item. EDIS shall determine who shall be responsible for routing underground fire protection piping to the building.                                                                                   | 1        |

| RFI No. | Date     | Submitted By               | Sheet No. | Detail/Section | Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EDiS Response                                                                                                                                                | Design Team Response                                                                                                   | Addendum |
|---------|----------|----------------------------|-----------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------|
| 041     | 12/15/25 | Worth & Company            |           |                | The plumbing spec’s refer to CPVC fittings for domestic water. Is CVPC allowed?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              | The plumbing pipe and fittings for potable water shall be Type L copper with copper fittings.                          | 1        |
| 042     | 12/15/25 | Enterprise Masonry         | FA512     |                | The pavers detailed on FA 512, were they in an earlier bid package? If not, who owns the system?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The pavers and seat walls shown on FA-512 are to be provided by Contract E-05 Unit Masonry                                                                   |                                                                                                                        | 1        |
| 043     | 12/16/25 | Kinsley                    |           |                | Could we recieve the CAD's?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                              | Civil CAD files will be sent out with signed document release form included in Addendum 1                              | 1        |
| 044     | 12/18/25 | Joseph Rizzo               |           |                | Please have the architect clarify which ground face color is which on the drawing set? In the specs the colors are Ash and Flint, but these materials look almost identical on the drawings.                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                              | ABHA-SMM: See Exterior Material Legend on Sheet FA-201, and Exterior wall assemblies on FA-003 for color designations. | 1        |
| 045     | 12/18/25 | Continental Electric       |           |                | Requesting information regarding Bid pack-D scope of work. Information is needed as to whether current electrical contractors have stubbed conduits out of building footprint for Bid pack-E connections to existng panels. Existing Panel L2X has connections to NEW scope of work lighting circuits. Existing switchboard MSB2 has connections to NEW scope of work panels. Information is needed as to the location of these stub-outs and whether saw cutting is necessary for connections through roadways. Or whether stub-outs have NOT been provided and work inside school is needed. | Please see the clarifications section of Addendum #1 for a complete response from EDiS.                                                                      |                                                                                                                        | 1        |
| 046     | 12/18/25 | Corrado                    |           |                | Based on the milestone schedule, sitework looks to be starting beginning of 2027. Will there be compensation for material escalation due to the large gap in time between bid submittal and start date?                                                                                                                                                                                                                                                                                                                                                                                        | Escalation costs will be the responsibility of the contractor, other than Asphalt escalation, there is a section in the Scope of Work that covers that item. |                                                                                                                        | 1        |
| 047     | 12/18/25 | Corrado                    |           |                | The pole vault pad is not listed in the specs. Do we own supply/install of new pole vault pad & vaults standards?                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                              | Infrastructure for the pole vault is included in BPE. The vault pad will be included in a separate equipment package.  | 1        |
| 048     | 12/18/25 | Corrado                    | C524      |                | Please confirm that football and soccer practice fields detailed on sheet C524 are not to be synthetic turf? If not, are they to be sodded or seeded?                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                              | No synthetic turf. Fields to be seeded                                                                                 | 1        |
| 050     | 12/20/25 | Brandywine Valley Concrete |           | 01 11 00       | Contract No. E-02: Sitework & Utilities<br>#1 concrete paving, exterior concrete steps and ramps<br>#44 concrete sidewalks, pads and ramps<br>#50 concrete paving                                                                                                                                                                                                                                                                                                                                                                                                                              | See revised scope of work in Addendum No. 1                                                                                                                  |                                                                                                                        | 1        |
| 051     | 12/20/25 | Brandywine Valley Concrete |           | 01 11 00       | Contract No. E-03 Concrete & Reinforcing<br>#6 door stoops, pads, entrance/exit concrete complete<br>#7 exterior concrete slabs, turndown slabs, equipment foundations                                                                                                                                                                                                                                                                                                                                                                                                                         | See revised scope of work in Addendum No. 1                                                                                                                  |                                                                                                                        | 1        |

| RFI No. | Date     | Submitted By           | Sheet No. | Detail/Section | Question                                                                                                                                                                                                                                                                                                                | EDiS Response | Design Team Response                                     | Addendum |
|---------|----------|------------------------|-----------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------|----------|
| 055     | 12/20/25 | North East Contractors |           | 11 40 00       | Please provide spec section 114000 Food Service Equipment.                                                                                                                                                                                                                                                              |               | Design Will Provide 11 40 00 Food Servise Spec in Add#1. | 1        |
| 059     | 12/20/25 | Advantech              |           | 28 11 00       | 28 11 00 – Access Control<br>The specification identifies Card Readers as HID Signo or Salto, but HID wouldn’t be compatible with the customer’s Salto System. Should it be assumed, if the door hardware schedule identifies XS4 this should be a salto Handleset and card reader, this should be a salto card reader? |               | All hardware is Salto                                    | 1        |



**AGENDA**  
**New Castle County Vocational Technical School District**  
**Hodgson Vo-Tech High School**  
**Bid Package E-Fieldhouse, Athletic Fields, and Storage Buildings**  
**Pre-Bid Meeting-MANDATORY- 2:30 PM- Hodgson Vo-Tech**  
**16 Dec 2025**

**1. Introduction**

Owner – NCCVT - New Castle County Vocational Technical School District  
Design Team Members – ABHA|BSA+A, Landmark, MacIntosh, Gipe  
EDiS Role – Construction Manager. NCCVT holds contracts with the contractors.  
Attendees – Introductions from the attendees (Primes and Subcontractors)

**2. Project**

Contract: E-01 Demolition and Removal

**3. Bid Information**

- Bids will be received at the office of New Castle County Vo-Tech School District, 1417 Newport Road, Wilmington, DE 19804 until **3:00 PM local time on Wednesday, January 7, 2026**
- Bid opening is public.
- Three (3) copies of the bids should be in a sealed envelope clearly marked **NEW CASTLE COUNTY VOCATIONAL TECHNICAL SCHOOL DISTRICT - HODGSON VO-TECH BUILDING DEMOLITION, FIELD HOUSE, STADIUM AND ATHLETIC FIELDS - BID PACK E - SEALED BID – DO NOT OPEN** The bidder's name and address should also be marked on the envelope. Electronic bids will not be accepted.
- Addenda are the only method to change the documents.
- No addenda will be issued later than four (4) days prior to the bid opening, except when cancelling the bid, extending the bid opening date or changing the bid opening location.
- Bid bonds are required.
- Performance and Payment Bonds are required.
- A Drug Testing Program is required. An affidavit of Employee Drug Testing Program is in Section 004100.
- Craft Training Program is required. An affidavit is in Section 008115 and must be included.
- The bid form is in Section 004100 of the project manual. No modifications, clarifications or qualifications are allowed.

**4. BP-E Addendum #1 will be issued on Friday, 19 Dec 2025.**

**5. DBE Pilot Program overview.**





6. EDiS has created a landing page for information about both the pilot program and clear, actionable information for interested bidders, vendors, and suppliers. We will be updating this page throughout the bidding process to help make it easy for you to understand what your next steps and important dates are. QR code for easy access.



If you are a DBE contractor and are not registered with DelDOT or the Office of Supply Diversity State of Delaware, you can contact Shavonne White at OSD and she will help you understand the procedure and work to get you certified. Shavonne can be reached at [302-577-8497](tel:302-577-8497) or [shavonne.white@delaware.gov](mailto:shavonne.white@delaware.gov).

7. NOTE: DelDOT has had revisions to their DBE certification regulations imposed by USDOT that requires DBE's to recertify with DelDOT)
8. Section 002113 Instructions to Bidders/Review.
9. Section 003132 Geo-Tech Reports.
10. Section 004100 Bid Forms.
11. Review Subcontractors List for each contract. Approved by group.
12. Contract, AIA A132/CMA 2019 Edition, is in Section 005200 of the project manual.
13. Supplement to AIA A132/CMA 2019 Edition is in Section 005413 of the project manual.
14. General Conditions of the Contract, AIA A232-2019 are in Section 007200.
15. Supplementary General Conditions are in Section 007300.
16. Scopes of Work are in Section 011100  
Note: BP-E contractors are responsible for reviewing the documents of previously issued bid packages for reference and incorporation in preparing your proposal.





17. Review Site Logistic Requirements - Loading & unloading, onsite storage, site access, parking.
18. Allowances are in Section 012100 of the project manual, listed in the scopes of work, and on the bid forms.
19. Unit Costs are in Section 012200 of the project manual, listed in the scopes of work, and on the bid forms.
20. Alternates are in Section 012300 of the project manual. ***There are (7) alternates included in this bid package.*** Please review carefully.
21. Contractors are required to use the web-based project management system – Building Blok See Section 013125.
22. A pre-bid construction schedule can be found in Section 013216 of the project manual. **This will be issued by addendum.**
23. Insurance requirements are listed in Section 006216 of the project manual. (Pollution Insurance Required)
24. Safety program requirements are in Section 013523 of the project manual.
25. Prevailing wage rates must be followed. A copy of the current wage rates can be found in Section 007343 of the project manual.
26. Review COOP wage information.
27. Submit questions in writing and e-mail to Kevin Lucas [klucas@ediscompany.com](mailto:klucas@ediscompany.com), (302) 421-2893.
28. No questions after seven (7) days prior to bid.
29. A site visit is not mandatory but is encouraged. By submitting a proposal, the contractor bidding on the project attests that they have familiarized themselves with the site and all of the existing conditions affecting the work.
30. Documents may be viewed and downloaded at EDiS' FTP site after approval for circulation by NCCVT. Bidders requesting the log on information may obtain username and password permission by contacting Jackie McKee with EDiS Company at [jmckee@ediscompany.com](mailto:jmckee@ediscompany.com).





31. It is the responsibility of each Bidder to review and coordinate all Project Documents. This includes plans, specifications and addendums. All bidders must provide all requested contact information on Pre-Bid Meeting sign in sheet or email the information to Jackie McKee to receive notice of addendums.
32. EDiS, NCCVT and OMB are available to help the Prime contractors and the DBE contractors find each other and foster relationships for bidding this project and others. Please reach out and we will assist in helping in any way possible.
33. EDiS POC: Kevin Lucas at [klucas@ediscompany.com](mailto:klucas@ediscompany.com), (302) 421-2893.







**AGENDA**  
**New Castle County Vocational Technical School District**  
**Hodgson Vo-Tech High School**  
**Bid Package E-Fieldhouse, Athletic Fields, and Storage Buildings**  
**Pre-Bid Meeting 10:30 AM- EDiS Main Office**  
**16 Dec 2025**

**1. Introduction**

Owner – NCCVT - New Castle County Vocational Technical School District  
Design Team Members – ABHA|BSA+A, Landmark, MacIntosh, Gipe  
EDiS Role – Construction Manager. NCCVT holds contracts with the contractors.  
Attendees – Introductions from the attendees (Primes and Subcontractors)

**2. Project**

Contract: E-02 Sitework & Utilities  
Contract: E-03 Concrete and Reinforcing  
Contract: E-04 Structural Steel, Joists, Deck, and Misc. Metals  
Contract: E-05 Unit Masonry  
Contract: E-06 General Trades-Carpentry, Cold Formed Metal Framing, Gypsum Assemblies, ACT Ceilings  
Contract: E-07 Exterior Metal Panels and Pre-Engineered Buildings  
Contract: E-08 Roofing  
Contract: E-09 Hollow Metal, Wood Doors, and Finish Hardware  
Contract: E-10 Overhead Rolling Doors and Shutters  
Contract: E-11 Fluid Applied Flooring  
Contract: E-12 Painting  
Contract: E-13 Bleachers and Grandstands  
Contract: E-14 Fire Protection  
Contract: E-15 Plumbing, HVAC, and Controls  
Contract: E-16 Electrical, Lighting, and Fire Alarm Systems  
Contract: E-17 Special Systems  
Contract: E-18 Final Cleaning  
Contract: E-19 General Labor and Clean-Up  
Contract: E-20 Flagger Entrance Protection

**3. Bid Information**

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6. EDiS has created a landing page for information about both the pilot program and clear, actionable information for interested bidders, vendors, and suppliers. We will be updating this page throughout the bidding process to help make it easy for you to understand what your next steps and important dates are. QR code for easy access.



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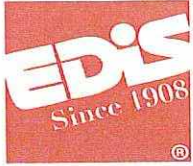
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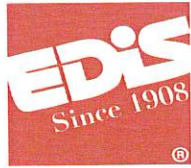




New Castle County  
Hodgson Vo Tech High School  
BPE Contract E-01 Demolition Mandatory Pre-Bid Meeting  
16-Dec-25

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New Castle County  
Hodgson Vo Tech High School  
BP-E Pre-Bid Meeting  
16-Dec-25

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| COMPANY NAME            | CONTACT NAME     | EMAIL ADDRESS                                    | PHONE NUMBER   |
|-------------------------|------------------|--------------------------------------------------|----------------|
| EDIS                    | Kevin Lucas      | KLUCAS@EDISGROUP.COM                             | 302-420-3082   |
| NCCVT                   | A. Schuen        | A.Schuen@nccvt.k12.de.us                         | 302-299-9106   |
| Diamond Mechanical      | Brian Bonis      | bbonis@diamondmechanical.net                     | 302-598-6834   |
| MSPainters, Inc         | Jim McElroy Jr   | MSPAINTERS@AOL.COM                               | 302-598-2623   |
| D.A. NoIt               | Matt Ott         | matt@daNoIt.com                                  | 856-753-9333   |
| Performance Roofing/Jm  | Tom Laubach      | alerts@PRARFG.com                                | 484-798-8723   |
| BAC Bricklayers Local 1 | Donnie Joswick   | djoswick@bac-1.org                               | 215-852-4054   |
| R.E. Pierson            | Anthony Kush     | Estimating@rapierson.com                         | 609-774-5557   |
| <del>BRAD PIERSON</del> |                  |                                                  |                |
| ASTROTUFF               | TOM CARROLL      | <del>thomcarroll</del> tom.carroll@ASTROTUFF.COM | 610-892-5299   |
| BSS CONTRACTORS         | BRIAN SMITH      | BSMITH@BSSCONTRACTOR.COM                         | 484-256-4986   |
| SHIELDS ELECTRIC INC    | AL SHIELDS       | ashields.electric@gmail.com                      | 302-507-9172   |
| Lindstrom Excavating    | Alex Lindstrom   | alex@lindexc.com                                 | 302-388-4706   |
| A-del Construction      | Dan Hanna        | Dhanna@a-del.com estimates@a-del.com             | 302-453-8286   |
| Superior Electric       | Thomas O'Flynn   | thomas@superiorelectric.biz                      | 302-332-9344   |
| Corrado American        | Dominic Colameco | dcolameco@corrado.com                            | 302-502-6040   |
| Radius Systems LLC      | Ethan Holcroft   | eholcroft@radiussystemsllc.com                   | 610-207-3909   |
| <del>BRAD PIERSON</del> |                  |                                                  |                |
| The Landtek Group       | Phil Laro        | estimating@group on Landtekgroup.com             | 631-691-2381   |
| P&C Roofing Inc         | Michael Cupcolo  | Michael@PCRoofinginc.co -                        | (302) 322-6767 |
| LND Supply              | Leah Denhoed     | Leah@LNDSupply.com                               | 302-593-5608   |
| Advantech               | Tim Swanson      | tswanson@Advantech security.net                  | 302-612-0043   |
|                         |                  |                                                  |                |



**New Castle County  
Hodgson Vo Tech High School  
BP-E Pre-Bid Meeting  
16-Dec-25**

**PLEASE PRINT!**

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McKim & Creed, Inc.  
Contractor Electronic File Disclaimer & Acceptance

December 17, 2025

[Name]  
[Company]

RE: Project Hodgson BPE Client NCCVT Prj # C3030-1

Dear [Name]:

Pursuant to your request and upon receipt of a copy of this executed agreement, we will provide you (Recipient) with electronic copies of documents prepared by McKim & Creed, Inc. (McKim & Creed) for the project referenced above. We have also provided you a paper copy of these documents, which shall be considered the original documents with respect to our work. By signing below, you accept the following disclaimer regarding the use of these electronic documents.

Data delivered in electronic format can deteriorate undetected and can be modified by others without our knowledge. The content of data delivered in electronic format can also be affected if the user attempts to view the electronic files using hardware or software that is not compatible with the hardware and software we used to create the electronic files. By signing below you agree to accept responsibility for the completeness, correctness, and readability of the electronic files after their delivery to you, and you also agree to indemnify and save McKim & Creed harmless from any and all claims, losses, costs, damages, awards or judgments arising from your use of the electronic files, any decisions made by you based on the contents of the electronic files or any output generated from these files by you. This indemnification shall also apply to any claim, loss, cost, damage, or award of judgment against McKim & Creed resulting from your delivery of these files to any, subcontractors, material suppliers or any other third parties. McKim & Creed accepts responsibility for the accuracy of the sealed drawings and paper documents that were issued by us for this project. McKim & Creed makes no warranties, express or implied, under this agreement or otherwise in connection with the accuracy of files delivered in electronic format.

Any reuse of this information without written verification or adaptation by McKim & Creed for specific purposes intended will be at the Recipient's sole risk and without liability or legal exposure to McKim & Creed; and the Recipient releases and shall indemnify and hold McKim & Creed harmless from all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting there from. Any such verification or adaptation will entitle McKim & Creed to further compensation at rates to be agreed upon by the Recipient and McKim & Creed.

McKim & Creed will not be responsible for assuring that the electronic copies transmitted to the Recipient are continually updated and kept current. These electronic files are being provided for convenience of the Recipient on the above noted project only.

Should the files be transmitted by e-mail, please provide email address to which the files will be transmitted below:

Email all files to [Email]@ .

Should the files be transmitted by electronic media, they will be sent to the address and name referenced in the heading above.

McKim & Creed, Inc.  
Contractor Electronic File Disclaimer & Acceptance

McKim & Creed, Inc.

Dakota Laidman-Murray, PE  
Sr. Project Manager

cc: Project File

I hereby agree to the terms and conditions described above, and accept the above disclaimer regarding the use of these electronic documents.

**[NAME]**

By: \_\_\_\_\_  
(Print or Type Name)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature)

Title: \_\_\_\_\_

Hodgson BPE Addendum No. 1, 12/22/25  
Attachment "D" Phase I Demolition

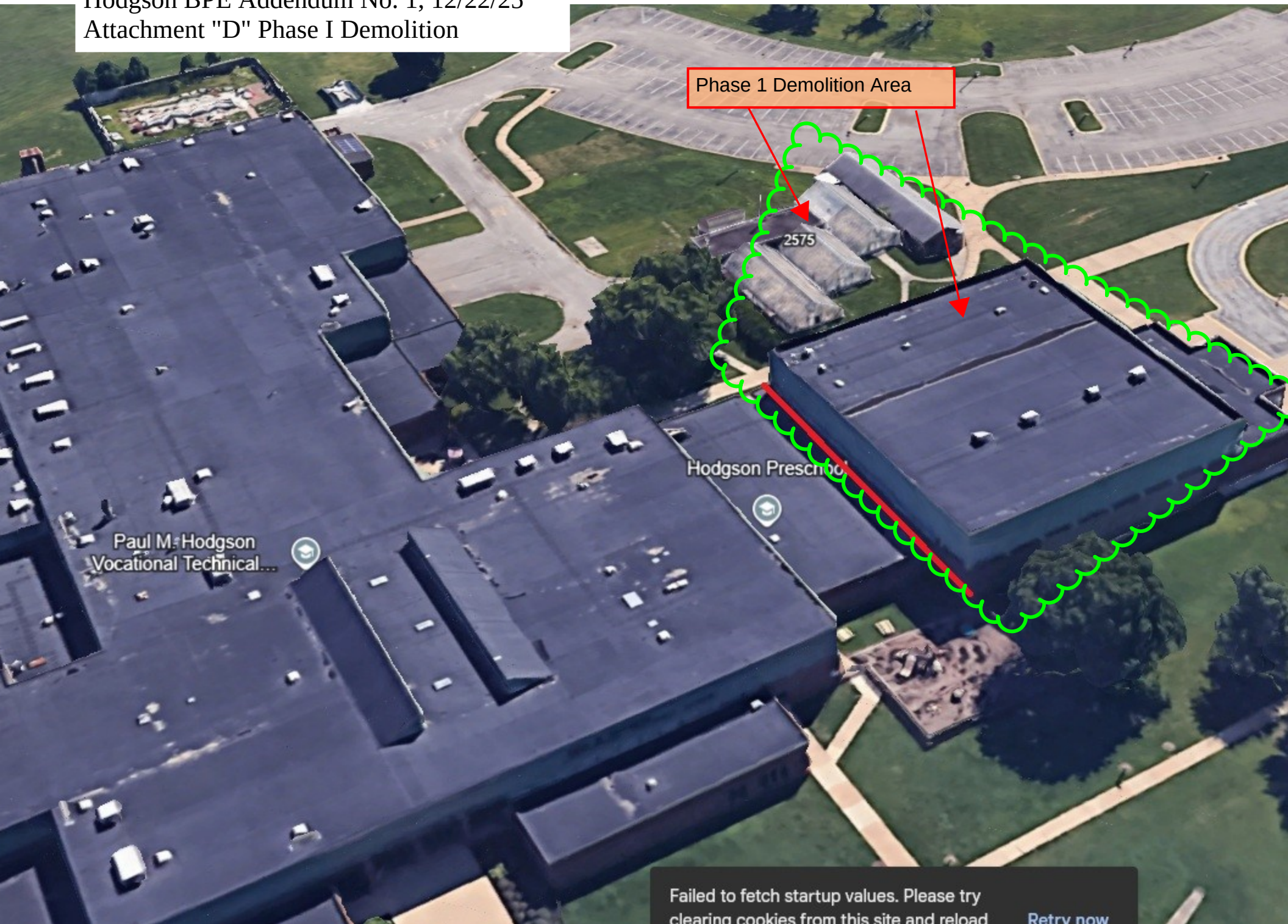


**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                                | Sample ID:                                         | Color        | Laboratory Result     | Approximate Quantity |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|-----------------------|----------------------|
| <b>MAIN BUILDING - SECTION 1 - INTERIOR</b>                                |                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                       |                      |
| <b>HEATING (C)</b>                                                         |                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                       |                      |
| <b>Rope Gasket</b>                                                         | <u>194 Mechanical: Asbestos Rope Gasket</u> located on Burner Inner Doors of Boiler #1 (Weil McLain DE24796) and Boiler #2 (Weil McLain, DE24797)                                                                                                                                                                                                       | RG-512, RG-513                                     | Black/ White | 40 to 50 % Chrysotile | 6 Locations          |
| <b>MAIN BUILDING - SECTION 2 - INTERIOR</b>                                |                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                       |                      |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                       |                      |
| <b>Carpet Glue and Vinyl Cove Base Mastic</b>                              | <u>Hallway between Rooms 101G and 104: Carpet with Asbestos Carpet Glue over Concrete.</u><br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                                                                                                                           | CG-433, CG-434                                     | Brown/ Black | 3 % Chrysotile        | 180 SF               |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <u>Stairs S6, Corridors C1, C2, C3, and C4, and Rooms (102, 103A, 104A, 104B, 106, 106A, 106B, 106C (Lockers Area), 109A, 156E, 156H, 156J, 156M, 156N): Asbestos 12" x 12" Floor Tile and Mastic over Concrete.</u><br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u> | FTM-684, FTM-697, FTM-701, FT-707, FTM-708, FT-751 | Black, Tan   | 2 to 8 % Chrysotile   | 7,800 SF Total       |
|                                                                            | <u>Rooms (103, 104, 105, 105A) : Carpet over Asbestos 12" x 12" Floor Tile and Mastic over Concrete.</u><br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                                                                                                             |                                                    |              |                       | 4,200 SF Total       |



**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                                                                     | Sample ID:                        | Color      | Laboratory Result                              | Approximate Quantity |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------|------------------------------------------------|----------------------|
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b>               | <u>Rooms (101BT, 101GT, 101MT, 101WT, 106GT, 106BT, 106C (Toilet Area), 156F, 156T, 165BT, 164GT, )</u> : Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.<br><br><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms.</u>                                                                                      | TG-411                            | Gray       | 2 %<br>Chrysotile                              | 1,300 SF Total       |
| <b>MISCELLANEOUS (D)</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                                              |                                   |            |                                                |                      |
| <b>Glue Dots</b>                                                           | <u>Rooms (101, 101G, 103, 104, 105, 106, 106E):</u> <b>Asbestos Glue Dots</b> located behind Chalkboards.                                                                                                                                                                                                                                                                                    | GD-87, GD-119                     | Brown      | 2 %<br>Chrysotile                              | 700 SF Total         |
| <b>Window Glazing</b>                                                      | <u>Room 106 - (2) Window Locations:</u> Windows with <b>Asbestos Window Glazing.</b>                                                                                                                                                                                                                                                                                                         | WG-716, WG-717                    | Gray       | 4 to 5 %<br>Chrysotile                         | 180 SF Total         |
| <b>Sink Undercoating</b>                                                   | <u>Rooms (101C, 104, 104A, 103, 105, 109, and 156M):</u> Metal sink with <b>Asbestos Sink Undercoating.</b>                                                                                                                                                                                                                                                                                  | SU-698                            | Black      | 2 %<br>Chrysotile                              | 7 EA                 |
| <b>MAIN BUILDING - SECTION 3 - INTERIOR</b>                                |                                                                                                                                                                                                                                                                                                                                                                                              |                                   |            |                                                |                      |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                              |                                   |            |                                                |                      |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <u>Classroom 155, Corridor C5 and C6, Corridor C5 Bathroom Entrance, 159J, Stairs S1, 161 Vestibule, Elevator, Nurse's Suite and Guidance Suite (Rooms 160F, 160H, 160M, 160N):</u> <b>Asbestos 12" x 12" Floor Tile and Mastic</b> over Concrete.<br><br><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u> | FTM-380, CBM-409, FT-671, FTM-672 | Tan, Black | 2 to 10 %<br>Chrysotile<br>2%<br>Anthophyllite | 4,500 SF Total       |



**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                  | Sample ID:                | Color      | Laboratory Result                       | Approximate Quantity |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------|-----------------------------------------|----------------------|
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <p><u>Guidance Suite - Room 160G: 12" x 12" Floor Tile (Mastic Not Asbestos) over <b>Asbestos 12" x 12" Floor Tile</b> and <b>Mastic</b> over Concrete.</u></p> <p><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u></p> | FT-671, FTM-672           | Tan, Black | 2 to 5 % Chrysotile                     | 180 SF               |
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b>                        | <p><u>Storage Room 131A and Classroom 154 (Beneath Built-In Cabinets): 12" x 12" Floor Tile over <b>Asbestos Floor Tile Mastic</b> over Concrete.</u></p> <p><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u></p>       | FTM-391, FTM-394, CBM-409 | Black      | 3 to 5 % Chrysotile<br>2% Anthophyllite | 480 SF               |
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b>               | <p><u>Rooms (163BT, 162GT, 121BT, 157BT, 158GT, 160 BT, 160GT): Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.</u></p> <p><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms.</u></p>                                     | TG-411                    | Gray       | 2 % Chrysotile                          | 1,200 SF Total       |
| <b>HEATING (C)</b>                                                         |                                                                                                                                                                                                                                                                                                           |                           |            |                                         |                      |
| <b>Duct Mastic</b>                                                         | <p><u>Room 103 - Above Ceiling: <b>Asbestos Duct Mastic</b> located on HVAC Ductwork.</u></p>                                                                                                                                                                                                             | DM-712                    | Red        | 2 % Chrysotile                          | 200 SF               |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                                 | Sample ID:                           | Color      | Laboratory Result    | Approximate Quantity      |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|----------------------|---------------------------|
| <b>MAIN BUILDING - SECTION 4 - INTERIOR</b>                                |                                                                                                                                                                                                                                                                                                                                                          |                                      |            |                      |                           |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                                                          |                                      |            |                      |                           |
| <b>Tar Coating and Vinyl Cove Base Mastic</b>                              | <p>Rooms (115, 115B, 115C, 115D, 115E, and 119): Wood over <b>Asbestos Tar Coating</b> over Concrete. <b>Asbestos Tar Coating</b> also under concrete pad. Remove concrete pad to fully abate asbestos materials.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p> | TC-40, TC-41, TC-53<br>TC-56, TC-57  | Black      | 2 to 10 % Chrysotile | 4,300 SF Total            |
| <b>Tar Coating and Vinyl Cove Base Mastic</b>                              | <p>Rooms 115B, 115C, 115D, and 115E: 12" x 12" Floor Tile (Mastic not Asbestos) over Concrete over Asbestos Tar Coating over Concrete.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p>                                                                            | TC-40, TC-41, TC-53<br>TC-56, TC-57, | Black      | 2 to 10 % Chrysotile | 1,900 SF Total            |
| <b>Tar Coating (Remnants) and Vinyl Cove Base Mastic</b>                   | <p>Room 115: Remnants of <b>Asbestos Tar Coating</b> over Concrete.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p>                                                                                                                                               | TC-40, TC-41, TC-53,<br>TC-56, TC-57 | Black      | 2 to 10 % Chrysotile | 4,100 SF Total Floor Area |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <p>Rooms 119T (Locker Area) and 119 (Hallway): <b>Asbestos 12" x 12" Floor Tile</b> and <b>Mastic</b> over Concrete.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p>                                                                                              | FT-38, FTM-39                        | Tan, Black | 2 to 3 % Chrysotile  | 400 SF Total              |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                            | Location and Description                                                                                                                                                                                                                                                                                                                                        | Sample ID:             | Color       | Laboratory Result     | Approximate Quantity |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|-----------------------|----------------------|
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b>          | <u>Corridor C13 and C14, Stairs S5, 115 (Hallway), 173GT (Entrance), 1748T (Entrance), 175J, 115T (Locker Area), Cafeteria, 113B, 113A, 171A: 12" x 12" Floor Tile or 2' x 2' Floor Tile over <b>Asbestos Floor Tile Mastic</b> over Concrete.</u>                                                                                                              | FTM-39, FTM-49, FTM-50 | Black       | 2 to 17 % Chrysotile  | 8,500 SF Total       |
|                                                              | <u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u><br><br><u>115T (Locker Area): <b>Asbestos Floor Tile Mastic</b> over Concrete.</u><br><br><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u> |                        |             |                       | 200 SF               |
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b> | <u>Rooms (113GT, 115T, 119T, 173GT, 174BT): Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.</u><br><br><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms.</u>                                                                                                                   | TG-411                 | Gray        | 2 % Chrysotile        | 1,000 SF Total       |
| <b>HEATING (C)</b>                                           |                                                                                                                                                                                                                                                                                                                                                                 |                        |             |                       |                      |
| <b>Pipe Insulation Covering</b>                              | <u>172 Boiler Room: <b>Asbestos Pipe Insulation Covering</b> located above generator.</u>                                                                                                                                                                                                                                                                       | PIC-496, PIC-497       | Gray/ White | 50 to 65 % Chrysotile | 200 LF               |
| <b>MAIN BUILDING - SECTION 5 - INTERIOR</b>                  |                                                                                                                                                                                                                                                                                                                                                                 |                        |             |                       |                      |
| <b>FLOORING (A)</b>                                          |                                                                                                                                                                                                                                                                                                                                                                 |                        |             |                       |                      |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                        | Sample ID:                                                  | Color              | Laboratory Result                        | Approximate Quantity |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------|------------------------------------------|----------------------|
| <b>Tar Coating and Vinyl Cove Base Mastic</b>                              | <p><u>Rooms 120 and 120B:</u> Wood over <b>Asbestos Tar Coating</b> over Concrete. <b>Asbestos Tar Coating</b> also under concrete pad. Remove concrete pad to fully abate asbestos materials.</p> <p><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u></p>    | TC-311, TC-312                                              | Black              | 2 % Chrysotile                           | 4,400 SF Total       |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <p><u>Stairs S3, Rooms (112C, 110A, 114A, 114, 116, 120T (Locker Area), 120D, 120E, and 120 (Hallway and Storage Room):</u> <b>Asbestos 12" x 12" Floor Tile</b> and <b>Mastic</b> over Concrete.</p> <p><u>Note: <b>Asbestos Vinyl Covebase Mastic</b> is located below existing covebase and mastic layers around perimeter of rooms.</u></p> | FT-307, FTM-308, FTM-310, CBM-332, FT-335, FTM-336, CBM-338 | Tan, Black, Brown  | 2 to 8 % Chrysotile<br>2 % Anthophyllite | 4,400 SF Total       |
| <b>Ceramic Tile Mastic</b>                                                 | <u>112GT and 112MT:</u> Vinyl Plank Flooring over Floor Filler over Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.                                                                                                                                                                                                        | TM-345, TM-346                                              | Gray/ White, White | 2 % Chrysotile                           | 500 SF Total         |
| <b>Ceramic Tile Cove Base Mastic</b>                                       | <u>112GT and 112MT:</u> Vinyl Covebase (Mastic not Asbestos) over Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> over Block.                                                                                                                                                                                                    |                                                             |                    |                                          |                      |
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b>               | <p><u>Room 120T:</u> Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> on Block or Concrete.</p> <p><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms</u></p>                                                                                                                    | TM-345, TM-346                                              | Gray/ White, White | 2 % Chrysotile                           | 200 SF               |
| <b>Carpet Glue</b>                                                         | <u>Room 111:</u> Carpet with <b>Asbestos Carpet Glue</b> over Ceramic Tile and Concrete.                                                                                                                                                                                                                                                        | CG-353                                                      | Yellow             | 2 % Chrysotile                           | 900 SF               |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                   | Location and Description                                                                                                                                                                                                                              | Sample ID:                         | Color        | Laboratory Result                        | Approximate Quantity |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------|------------------------------------------|----------------------|
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b> | <u>Rooms 116A, 118, 118A, 118B, and 120A : 12" x 12" Floor Tile over Asbestos Floor Tile Mastic over Concrete.</u><br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u> | FTM-308, FTM-310, CBM-332, FTM-336 | Black, Brown | 2 to 8 % Chrysotile<br>2 % Anthophyllite | 3,400 SF Total       |



**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sample ID:                                          | Color             | Laboratory Result                             | Approximate Quantity |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------|-----------------------------------------------|----------------------|
| <b>MAIN BUILDING - SECTION 6 - INTERIOR</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                   |                                               |                      |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                   |                                               |                      |
| <b>Tar Coating and Vinyl Cove Base Mastic</b>                              | <p>Room 125: Wood over <b>Asbestos Tar Coating</b> over Concrete. <b>Asbestos Tar Coating</b> also under concrete pad. Remove concrete pad to fully abate asbestos materials.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p> <p><u>Note: Demolition of classroom construction projects performed by Owner. Wooden floor and concrete pad demolition by Contractor to access and completely remove all Asbestos Tar Coating.</u></p> | TC-280, TC-281, CBM-283                             | Black, Brown      | 2 to 4 % Chrysotile<br>4 % Anthophyllite      | 5,800 SF Total       |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <p>Rooms 124, 126 (Hallway and Lockers), 126F, 128 (Hallway), 128A, 130B, 130C: <b>Asbestos 12" x 12" Floor Tile and Mastic</b> over Concrete.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p>                                                                                                                                                                                                                                       | FT-262, FTM-263, CBM-283, FT-288, FTM-289, CBM-300  | Tan, Black, Brown | 2 to 6 % Chrysotile<br>2 to 4 % Anthophyllite | 2,800 SF Total       |
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b>                        | <p>Stairs S4, Rooms 128B, 128 (Lockers): 2' x 2' Floor Tile or 12" x 12" Floor Tile over <b>Asbestos Floor Tile Mastic</b> over Concrete.</p> <p><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u></p>                                                                                                                                                                                                                                            | FTM-263, FTM-267, CBM-283, FTM-289, FM-296, CBM-300 | Black, Brown      | 3 to 7 % Chrysotile<br>2 to 4 % Anthophyllite | 1,000 SF Total       |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                      | Sample ID:                                            | Color        | Laboratory Result                             | Approximate Quantity |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|-----------------------------------------------|----------------------|
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b>                        | <u>Rooms 122A, 122B, and 122 (Hallway and Lockers): Wax over Asbestos Floor Tile Mastic over Concrete.</u><br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms..</u>                                                                                | FTM-263, FTM-267, CBM-283, FTM-289, FM-296, CBM-300   | Black, Brown | 3 to 7 % Chrysotile<br>2 to 4 % Anthophyllite | 1,000 SF Total       |
| <b>Ceramic Tile Mastic</b>                                                 | <u>Rooms 122T, 126T, and 128T:</u><br>Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> on Block or Concrete.                                                                                                                                                                                                             | TM-270                                                | Gray         | 2 % Chrysotile                                | 900 SF Total         |
| <b>MISCELLANEOUS (D)</b>                                                   |                                                                                                                                                                                                                                                                                                                               |                                                       |              |                                               |                      |
| <b>Drywall</b>                                                             | <u>Room 126 Locker Area: Joint Compound with Asbestos Drywall located above lockers, and the entranceway to the main shop room.</u>                                                                                                                                                                                           | DW-295                                                | White        | 3% Chrysotile                                 | 800 SF               |
| <b>Cement Panel</b>                                                        | <u>Room 128 - Welding Tables - (2) Locations: Asbestos Cement Panels located on Welding Tables.</u>                                                                                                                                                                                                                           | CP-13, CP-14                                          | Gray         | 30 % Chrysotile                               | 50 SF Total          |
| <b>MAIN BUILDING - SECTION 7 - INTERIOR - SECOND FLOOR</b>                 |                                                                                                                                                                                                                                                                                                                               |                                                       |              |                                               |                      |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                               |                                                       |              |                                               |                      |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <u>Rooms (203, 203A, 203B204, 204A, 204B, 206, 206A, 206B, 210, 210A, 236), Corridors C18 and C20, Stairs S1 and S6:</u><br><b>Asbestos 12" x 12" Floor Tile and Mastic</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u> | FT-88, FTM-89, FTM-91, FTM-93, FT-97, FTM-98, FTM-140 | Tan, Black   | 2 to 4 % Chrysotile                           | 9,500 SF Total       |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                            | Location and Description                                                                                                                                                                                                                                                    | Sample ID:                                                   | Color                                                            | Laboratory Result         | Approximate Quantity |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|---------------------------|----------------------|
| <b>Floor Tile Mastic, Filler, and Vinyl Cove Base Mastic</b> | Room 225: Carpet or over <b>Asbestos Floor Tile Mastic</b> and <b>Asbestos Filler</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                                     | FM-76, FG-82, FG-85, FTM-89, FTM-91, FTM-93, FTM-98, FTM-140 | Black/<br>Yellow,<br>Gray/<br>White,<br>Gray,<br>Brown,<br>Black | 2 to 4 %<br>Chrysotile    | 1,000 SF Total       |
| <b>Floor Tile Mastic, Filler, and Vinyl Cove Base Mastic</b> | Rooms 205, 205A: 12" x 12" Floor Tile over <b>Asbestos Floor Tile Mastic</b> and <b>Asbestos Filler</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                   | FM-76, FG-82, FG-85, FTM-89, FTM-91, FTM-93, FTM-98, FTM-140 | Black/<br>Yellow,<br>Gray/<br>White,<br>Gray,<br>Brown,<br>Black | 2 to 4 %<br>Chrysotile    | 1,000 SF Total       |
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b> | Rooms (200BT, 200GT, 202BT, 202GT, 203BT, 203GT, 225T, 225WT, 225MT, 234BT, 234GT ): Ceramic Tile with <b>Asbestos Ceramic Tile Mastuc</b> over Concrete.<br><br><u>Note: Ceramic Tile Covebase with Asbestos Ceramic Tile Mastic is located around perimeter of rooms.</u> | TG-411                                                       | Gray                                                             | 2 %<br>Chrysotile         | 1,800 SF Total       |
| <b>HEATING (C)</b>                                           |                                                                                                                                                                                                                                                                             |                                                              |                                                                  |                           |                      |
| <b>Duct Caulk</b>                                            | Mechanical Rooms 238 and 240: <b>Asbestos Duct Caulk</b> located on Vibration Dampeners.                                                                                                                                                                                    | DC-158, DC-159, DC-193                                       | Brown                                                            | 3 to 5 %<br>Chrysotile    | 50 EA                |
| <b>Duct Mastic</b>                                           | Hallway Near Stairs S1 - Above Ceiling: <b>Asbestos Duct Mastic</b> located on HVAC Ductwork.                                                                                                                                                                               | DM-726                                                       | Red                                                              | 2 %<br>Chrysotile         | 200 SF               |
| <b>MISCELLANEOUS (D)</b>                                     |                                                                                                                                                                                                                                                                             |                                                              |                                                                  |                           |                      |
| <b>Glue Dots</b>                                             | Classrooms (200, 202, 203, 203A, 204, 205, 206, 210, 237) : <b>Asbestos Glue Dots</b> located behind Chalkboards.                                                                                                                                                           | GD-87, GD-119                                                | Brown                                                            | 2 %<br>Chrysotile         | 2,500 SF             |
| <b>Window Caulk</b>                                          | Room 200E: Window with <b>Asbestos Window Caulk</b> .                                                                                                                                                                                                                       | WC-149, WC-150                                               | Gray                                                             | 3 to 4 %<br>Anthophyllite | 1 EA                 |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                          | Location and Description                                                                                                                                                                                                                                                                                                                                                                      | Sample ID:                                                | Color      | Laboratory Result     | Approximate Quantity |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|-----------------------|----------------------|
| <b>Sink Undercoating</b>                                                   | <u>Room 225</u> : Metal sink with <b>Asbestos Sink Undercoating</b> .                                                                                                                                                                                                                                                                                                                         | SU-8, SU-12                                               | Black      | 2 % Chrysotile        | 1 EA                 |
| <b>Fume Hood</b>                                                           | <u>Classroom 210</u> : Counter top with <b>Asbestos Fume Hood</b> .                                                                                                                                                                                                                                                                                                                           | FH,-14, FH-15, FH-75                                      | Gray       | 12 to 18 % Chrysotile | 1 EA                 |
| <b>Duct Mastic</b>                                                         | <u>Room 210 - Fume Hood</u> : <b>Asbestos Duct Mastic</b> located on Fume Hood Exhaust Pipework.<br><br><u>NOTE: HVAC Pipework extends above drop ceiling to roof.</u>                                                                                                                                                                                                                        | DM-732                                                    | Red        | 5 % Chrysotile        | 200 SF               |
| <b>MAIN BUILDING - SECTION 8 - INTERIOR - SECOND FLOOR</b>                 |                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |            |                       |                      |
| <b>FLOORING (A)</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |            |                       |                      |
| <b>12" x 12" Floor Tile, Floor Tile Mastic, and Vinyl Cove Base Mastic</b> | <u>Rooms (211, 212, 213, 213A, 214, 215, 216S, 217, 218, 218A, 218B, 219, 220, 221, 222, 223, 224, 224A, 226, 226A, 227, 227 (Storage), 228, 228A, 229J, and 230), Coridor C16 and C17:</u> <b>Asbestos 12" x 12" Floor Tile and Mastic</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u> | FT-3, FTM-4, FTM-11, FT-21, FTM-22, FTM-35, FT-36, FTM-37 | Tan, Black | 2 to 15 % Chrysotile  | 24,000 SF Total      |
| <b>Floor Tile Mastic and Vinyl Cove Base Mastic</b>                        | <u>Stairs S4 and S5:</u> 2' x 2' Floor Tile over <b>Asbestos Floor Tile Mastic</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                                                                                                                                                          | FTM-4, FTM-11, FTM-22, FTM-35, FTM-37                     | Black      | 2 to 15 % Chrysotile  | 800 SF Total         |
|                                                                            | <u>Rooms 207 and 209:</u> Carpet (Carpet Glue Not Asbestos) over <b>Asbestos Floor Tile Mastic</b> over Concrete.<br><br><u>Note: Asbestos Vinyl Covebase Mastic is located below existing covebase and mastic layers around perimeter of rooms.</u>                                                                                                                                          |                                                           |            |                       | 1,800 SF Total       |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                     | Location and Description                                                                                                                                                                                               | Sample ID: | Color | Laboratory Result | Approximate Quantity |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|-------------------|----------------------|
| Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic | <u>Rooms (232BT, 231GT): Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.</u><br><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms.</u> | TG-411     | Gray  | 2 % Chrysotile    | 900 SF Total         |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                            | Location and Description                                                                                                                                                                                                 | Sample ID:             | Color       | Laboratory Result     | Approximate Quantity |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|-----------------------|----------------------|
| <b>HEATING (C)</b>                                           |                                                                                                                                                                                                                          |                        |             |                       |                      |
| <b>Duct Caulk</b>                                            | <u>Mechanical Rooms 239 and 241:</u><br><b>Asbestos Duct Caulk</b> located on Vibration Dampeners.                                                                                                                       | DC-176, DC-177, DC-218 | Brown       | 2 to 3 % Chrysotile   | 75 EA                |
| <b>MISCELLANEOUS (D)</b>                                     |                                                                                                                                                                                                                          |                        |             |                       |                      |
| <b>Glue Dots</b>                                             | <u>Classrooms (207, 212, 213, 214, 215, 217, 218, 219, 220, 221, 222, 223, 224, 226, 228):</u> <b>Asbestos Glue Dots</b> located behind Chalkboards.                                                                     | GD-87, GD-119          | Brown       | 2 % Chrysotile        | 4,500 SF             |
| <b>Sink Undercoating</b>                                     | <u>Classrooms (211, 218A, 224, 227, 228):</u> Metal sink with <b>Asbestos Sink Undercoating</b> .                                                                                                                        | SU-8, SU-12            | Black       | 2 % Chrysotile        | 7 EA                 |
| <b>Fume Hood</b>                                             | <u>Classroom 218:</u> Counter top with <b>Asbestos Fume Hood</b> .                                                                                                                                                       | FH-14, FH-15, FH-75    | Gray        | 12 to 18 % Chrysotile | 1 EA                 |
| <b>Duct Mastic</b>                                           | <u>Room 218 - Fume Hood:</u> <b>Asbestos Duct Mastic</b> located on Fume Hood Exhaust Pipework.<br><br><u>NOTE: HVAC Pipework extends above drop ceiling to roof.</u>                                                    | DM-732                 | Red         | 5 % Chrysotile        | 200 SF               |
| <b>SHOP BUILDING - SECTION 9 - INTERIOR</b>                  |                                                                                                                                                                                                                          |                        |             |                       |                      |
| <b>FLOORING (A)</b>                                          |                                                                                                                                                                                                                          |                        |             |                       |                      |
| <b>Ceramic Tile Mastic and Ceramic Tile Cove Base Mastic</b> | <u>Rooms (148A, 179T):</u> Ceramic Tile with <b>Asbestos Ceramic Tile Mastic</b> over Concrete.<br><br><u>Note: Ceramic Tile Covebase with <b>Asbestos Ceramic Tile Mastic</b> is located around perimeter of rooms.</u> | TG-606                 | Gray/ White | 2 % Chrysotile        | 800 SF Total         |
| <b>Vinyl Covebase Mastic</b>                                 | <u>Room 148B:</u> Vinyl Covebase with <b>Asbestos Covebase Mastic</b> located on Block Walls.                                                                                                                            | CBM-593                | Brown       | 3 % Anthophyllite     | 200 SF               |



**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                       | Location and Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sample ID:                                                                  | Color       | Laboratory Result    | Approximate Quantity |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------|----------------------|----------------------|
| <b>MISCELLANEOUS (D)</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |             |                      |                      |
| <b>Glue Dots</b>                                        | <u>Classrooms (146A, 149C):</u><br><b>Asbestos Glue Dots</b> located behind Chalkboards.<br><br><u>NOTE: Some areas have exposed</u><br><b>Asbestos Glue Dots.</b>                                                                                                                                                                                                                                                                                                                                        | GD-1, GD-2                                                                  | Brown       | 2 % Chrysotile       | 800 SF               |
| <b>MAIN BUILDING - EXTERIOR - WALL ELEVATIONS</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |             |                      |                      |
| <b>Building Caulk</b>                                   | <u>Roof Overhang between Main Building and Shop Building:</u><br><b>Asbestos Building Caulk</b> located on Metal Siding and Masonry.                                                                                                                                                                                                                                                                                                                                                                      | BC-693, BC-694                                                              | Gray        | 3 % Chrysotile       | 100 SF               |
| <b>Window Glazing, Window Caulk, and Flashing Caulk</b> | <u>Building Perimeter (Elevated Windows and Vent Panels - Approximately 15 VF from Surface) and Roof Elevation 1 (Main Lobby Windows):</u> Window and Vent Panels containing <b>Asbestos Window Glazing, Window Caulk, and Flashing Caulk.</b><br><br><u>NOTE: Some Window locations are hidden by Metal panels that must be removed to access Windows. Asbestos Caulks are located on Metal trim below Window and Vent Panels. Also, Roof access doors contain Asbestos Caulks on Metal Door Frames.</u> | WG-709, WG-715, WG-721, WC-722, WG-732, WC-734<br>FLC-772, FLC-773, FLC-796 | Gray, Black | 2 to 15 % Chrysotile | 8,000 SF Total       |
| <b>Window Glazing and Window Caulk</b>                  | <u>Main Building - (3) Entrance Locations:</u> Windows with <b>Asbestos Window Glazing and Asbestos Window Caulk</b> located on Glass and Metal.                                                                                                                                                                                                                                                                                                                                                          | WG-721, WC-722, WG-732, WC-734                                              | Gray        | 2 to 4 % Chrysotile  | 1,500 SF Total       |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                 | Location and Description                                                                                                                                                                                                                                                                              | Sample ID: | Color           | Laboratory Result  | Approximate Quantity |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|--------------------|----------------------|
| <b>MAIN BUILDING - EXTERIOR - ROOF ELEVATIONS</b> |                                                                                                                                                                                                                                                                                                       |            |                 |                    |                      |
| <b>Flashing Tar</b>                               | <u>Roof Elevation 1 (Second Floor Roof) - Roof Edge Perimeter:</u><br>Membrane Roof over <b>Asbestos Flashing Tar</b> over Metal/Masonry.                                                                                                                                                             | FLT-744    | Black           | 25 %<br>Chrysotile | 4,500 SF             |
|                                                   | <u>Roof Elevation 1 (Second Floor Roof) - Roof Hatches - (5)</u><br><u>Locations:</u> <b>Asbestos Flashing Tar</b> located on Metal Roof Access Hatches.                                                                                                                                              | FLT-764    | Black           | 2 %<br>Chrysotile  | 100 SF Total         |
| <b>Flashing Caulk</b>                             | <u>Main Building and Gymnasium Interface:</u> <b>Asbestos Flashing Caulk</b> located on Membrane and Metal.                                                                                                                                                                                           | FLC-801    | Gray            | 15 %<br>Chrysotile | 200 SF               |
| <b>Roof Coating</b>                               | <u>Roof Elevation 1 (Second Floor Roof) - Large Vents - (9)</u><br><u>Locations:</u> <b>Asbestos Roof Coating</b> located on Metal Roof Vents.                                                                                                                                                        | RC-755     | Gray/<br>Orange | 2 %<br>Chrysotile  | 9 EA                 |
| <b>Roof Tar Coating (Remnants)</b>                | <u>Roof Elevation 8:</u> Membrane over Foam Insulation over <b>Asbestos Roof Tar Coating (Remnants)</b> over Metal.                                                                                                                                                                                   | RT-790     | Black           | 5 %<br>Chrysotile  | 2,000 SF             |
| <b>Roof Tar Coating (Mechanical)</b>              | <u>Roof Elevation 14 - Mechanicals (2 Locations):</u> Membrane over Foam Insulation over <b>Asbestos Roof Tar (Hot Mop)</b> over Fiberboard over Metal.<br><br><u>NOTE: Asbestos Roof Tar (Hot Mop) is composed of Stone, Roof Tar, and Tar Paper and varies from 0.5 to 1.0 inches in thickness.</u> | RT-856     | Black           | 3 %<br>Chrysotile  | 100 SF Total         |

**Table 1 .**

**Summary of Positive Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                             | Location and Description                                                                                                                                                                                                                                                                              | Sample ID:             | Color                  | Laboratory Result   | Approximate Quantity |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|---------------------|----------------------|
| <b>SHOP BUILDING - SECTION 9 - EXTERIOR - WALL ELEVATIONS</b> |                                                                                                                                                                                                                                                                                                       |                        |                        |                     |                      |
| <b>Window Caulk and Window Glazing</b>                        | <u>Building Perimeter - Elevated (Approximately 15 VF from Surface): Asbestos Window Glazing and Asbestos Window Caulk</u> located on elevated Windows.                                                                                                                                               | WG-702, WC-703, WG-704 | Gray                   | 2 to 3 % Chrysotile | 3,000 SF             |
| <b>SHOP BUILDING - SECTION 9 - EXTERIOR - ROOF ELEVATIONS</b> |                                                                                                                                                                                                                                                                                                       |                        |                        |                     |                      |
| <b>Roof Coating</b>                                           | <u>Large Vents - (5) Locations: Asbestos Roof Coating</u> located on Metal Roof Vents.                                                                                                                                                                                                                | RC-871                 | Silver/ Yellow/ Orange | 4 % Chrysotile      | 5 EA                 |
| <b>Roof Tar Coating (Mechanical)</b>                          | <u>Roof Elevation 13 - Mechanicals (2 Locations):</u> Membrane over Foam Insulation over <b>Asbestos Roof Tar</b> (Hot Mop) over Fiberboard over Metal.<br><br><u>NOTE: Asbestos Roof Tar (Hot Mop) is composed of Stone, Roof Tar, and Tar Paper and varies from 0.5 to 1.0 inches in thickness.</u> | RT-829                 | Black                  | 8 % Chrysotile      | 100 SF Total         |

**Note: SF = Square-Feet, CF = Cubic-Feet, LF = Linear-feet, EA = Each**

**Table 2.**  
**Summary of Assumed Asbestos-Containing Materials at Paul M. Hodgson Vocational Technical High School.**

| Building Material                                                 | Location and Description                                                                                                                                                                                                                                                                                                                                                                                      | Category                | Approximate Quantity      |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| <b>Break-In Locations Flooring Materials</b>                      | Assumed throughout building at inaccessible locations under built-in shelving, furniture, temporary walls, lockers, etc. Locations shown on drawings have multiple break-in points.                                                                                                                                                                                                                           | Non-Friable             | 100 Locations             |
| <b>Floor Tile and Mastic</b>                                      | Assumed <b>Asbestos Floor Tile and Mastic</b> underneath cabinets and walls in locations with newer Non ACBM flooring. Remove cabinets and temporary walls to access ACBM for complete abatement.                                                                                                                                                                                                             | Non-Friable             | 2,000 SF Total            |
| <b>Vinyl Cove Base Mastic</b>                                     | Assumed <b>Asbestos Vinyl Cove Base Mastic</b> is located behind newer layers around perimeter of rooms.                                                                                                                                                                                                                                                                                                      | Non-Friable             | 2,100 SF Total            |
| <b>Chalkboard Glue Dots</b>                                       | Assumed throughout building located behind chalkboards in classrooms and in hallways. Remove chalkboards to gain access to glue dots for complete abatement.                                                                                                                                                                                                                                                  | Category II Non-Friable | 97 Locations<br>12,000 SF |
| <b>Break-In Heat Locations (Heat Shields and Pipe Coverings)</b>  | Heat sources are located throughout building. Units may have internal cement panels that vary in size and quantity and may be mounted on floors, walls, or ceilings at locations. All heating units required to be opened for inspection and all identified ACBM abated if found. Locations shown on drawings have multiple break-in points.                                                                  | Category II Non-Friable | 50 Locations              |
| <b>Break-In Locations Pipe Covering (Insulation and Fittings)</b> | Assumed throughout building at inaccessible locations within walls, floors, and ceilings which includes all locations at water sources. Locations shown on drawings have multiple break-in points.                                                                                                                                                                                                            | Friable                 | 230 Locations             |
| <b>Internal Boiler Materials</b>                                  | <u>Assumed internal components of the boilers:</u><br><br><b>Main Building</b><br><u>Section 1: Room 194 Mechanical:</u><br>Boiler 1: (Weil McLain, DE24796) - Rib Type<br>Boiler 2: (Weil McLain DE24797) - Rib Type<br><u>Section 4: Room 172 Boiler Room:</u><br>Boiler 1: Kewanee SN: P-0575 - Tube Type<br>Boiler 2: Kewanee SN: P-0576 - Tube Type                                                      | Friable and Non-Friable | 4 Boilers                 |
| <b>Valve and Flange Gaskets</b>                                   | <b>Main Building</b><br><u>Section 1 - First Floor- Mechanical Room 194</u><br><u>Section 4 - First Floor - Room 172 - Boiler Room</u><br><u>Section 7 - Second Floor - Mechanical Rooms 238 and 240</u><br><u>Section 8 - Second Floor - Mechanical Rooms 239 and 241</u><br><br>Remove all valves and flange gaskets identified as containing ACBM. Pipework may need to be disassembled to access gaskets. | Category I Non-Friable  | 700 EA Total              |

**Note:** SF = Square-Feet, CF = Cubic-Feet, LF = Linear-feet, EA = Each



NCCVT Hodgson  
 Project #: 4223200  
 2575 Glasgow Ave  
 Newark, DE, 19702, US

## RFI 533

|                      |          |                     |                             |
|----------------------|----------|---------------------|-----------------------------|
| <b>Created:</b>      | 06/04/25 | <b>Completed:</b>   | 08/05/25                    |
| <b>Custom ID:</b>    |          | <b>Status:</b>      | Completed                   |
| <b>Drawing #:</b>    |          | <b>Assigned to:</b> |                             |
| <b>Page #:</b>       |          | <b>Created By:</b>  | Warren Ellis (EDiS Company) |
| <b>Spec Section:</b> |          | <b>Detail #:</b>    |                             |

**Summary:** Utilities(Gas, Electric & Water) for Future E1 Pole Building

**Question:** Presently there are no utilities(Gas, Electric & Water) shown on the drawings for Future E1 Pole Building. Assuming these services are to be feed from the New Building utilities, please provide design for routing and connection points for the Gas, Electric and Water. These utilities, if intended to be routed under ground, will need to be install before the concrete and paving work begins. Please advise.

EDiS-Note 6/17/25: The owner has instructed the Project Team to provide Gas, Electric and Water Services to the Future E1 Pole Building for future use. Electric service shall be roughed into Future E1 Pole Building. Gas and Water shall be roughed in underground to exterior of Future E1 Pole Building and inground boxes for future connections provided.

**Response:** Pole barn will be fed from a 2" C to panel P1MAB located in the main electrical room. Provide an additional spare 2" C. stubbed and capped. Please indicate where conduits will be rerouted from building to pole barn for coordination with Bid Pac E.

6/16/2025 Dina Dixon (Gipe)

1. Water will be shown by Civil Engineer to be extended to within 5' of perimeter of building and terminated within in ground valve box for future extension.
  2. Gas piping will not be designed or installed to serve E1 building based on 07/14/25 meeting with Design/Construction Team.
  3. Pole barn will be fed from a 2" C to panel P1MAB located in the main electrical room. Provide an additional spare 2" C. stubbed and capped. Refer to attached sheet for proposed routing. Please indicate final installed location of conduits on plans for coordination with Bid Pack E ahead of main as-built set.
- 7/21/2025 Dan Booze and Kevin Lawler (Gipe)

## Responder

Name: - Architect/Engineer

Date: 07/21/25

NOTE: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.



NCCVT Hodgson

Project #: 4223200

2575 Glasgow Ave

Newark, DE, 19702, US

## RFI 533

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### Attachments

| Name                                                                      | Updated By      | Updated                |
|---------------------------------------------------------------------------|-----------------|------------------------|
| C111_SITE_LAYOUT_AND_UTILITY_PLAN_RFI_411.pdf                             | Warren Ellis    | 06/04/25<br>1:47pm EDT |
| RFI-533_Uilities_(Gas__Electric__Water)_for_Future_E1_Pole_Building.pdf   | Gipe Submittals | 06/16/25<br>1:25pm EDT |
| RFI-533R1_Uilities_(Gas__Electric__Water)_for_Future_E1_Pole_Building.pdf | Gipe Submittals | 07/21/25<br>9:25am EDT |



NCCVT Hodgson  
Project #: 4223200  
2575 Glasgow Ave  
Newark, DE, 19702, US

## RFI 581

|                      |                                          |                     |                               |
|----------------------|------------------------------------------|---------------------|-------------------------------|
| <b>Created:</b>      | 08/22/25                                 | <b>Completed:</b>   | 09/16/25                      |
| <b>Custom ID:</b>    | Hodgson- Proposed E-1 Building Utilities | <b>Status:</b>      | Completed                     |
| <b>Drawing #:</b>    |                                          | <b>Assigned to:</b> |                               |
| <b>Page #:</b>       |                                          | <b>Created By:</b>  | Matt Artymenko (EDiS Company) |
| <b>Spec Section:</b> |                                          | <b>Detail #:</b>    |                               |

**Summary:** Hodgson- Proposed E-1 Building Utilities

**Question:** We need info for the proposed E1 building at the mechanical yard area so we can pave the area. We need to know what utilities are to be installed as we are looking to pave the mech yard in the near future. Please provide info, as this needs to be completed in this phase of work. (provide revised drawing to indicate work and location)

- 1- We need electrical requirements and raceway info. Where would raceways run to in E1?
- 2- Does this building require communication for security or fire alarm?
- 3- Does this building get water line? We need a location this will be at the E1 building.
- 4- The owner is proposing to install a well behind the dumpster pads, We need raceway info.

**Response:**

1. Question 1 - Refer to RFI-533 R1 response.
2. Question 2 - There is no fire alarm system requirement. Provide communications/security per ESP.
3. Question 4 - Electrical requirements for proposed well are not yet available. Provide two 1 1/2" conduits from well location to main electrical room and cap until further information is available.
4. ITEM #3: Water piping appears to be indicated on Civil dwg C111 off of a site water main (not from the building). Civil to confirm. Believe water pipe to building E1 will be capped outside per Owner.

8/29/2025 Adam Kegan and Dina Dixon (Gipe)

Question #2 response per ESP.

For low voltage, this work is all shown as part of the BP E documents.

There's a 2" conduit from E1 to the main building that I show across the service yard and stubbing into the building. (This route can be adjusted if needed.)

The conduit stubs into the plan NW corner of E1 and directly into a wall-mounted telecom enclosure.

6 Strands of singlemode fiber are installed between E1 and the MDF in the main building.

See attached clouded BP E T & TY drawings.

Bryan Jones, RCDD

**Responder**





NCCVT Hodgson

Project #: 4223200

2575 Glasgow Ave

Newark, DE, 19702, US

## RFI 581

Name: - Architect/Engineer

Date: 09/02/25

NOTE: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.

### Attachments

| Name                                       | Updated By      | Updated                 |
|--------------------------------------------|-----------------|-------------------------|
| Proposed_E1_Building.pdf                   | Matt Artymenko  | 08/22/25<br>10:30am EDT |
| RFI-581_Proposed_E-1_Building_Uilities.pdf | Gipe Submittals | 08/29/25<br>1:47pm EDT  |
| Hodgson_BP_E_T__TY_Aug_29_2025.pdf         | Kathy Knotts    | 09/02/25<br>8:28am EDT  |

000110 - TABLE OF CONTENTS

The following previously issued Bid Package documentation is included by reference:

- BPB Sitework and Utilities dated 25 May 23  
Addendum #1 dated 1 Aug 23  
Addendum #2 dated 7 Aug 23  
Addendum #3 dated 10 Aug 23
- BPC Foundations and Structures 31 Aug 23  
Addendum #1 dated 29 Sept 23  
Addendum #2 dated 11 Oct 23  
Addendum #3 dated 12 Oct 23  
Addendum #4 dated 20 Oct 23  
Addendum #5 dated 23 Oct 23
- BPD Building Envelope & Fit-Out dated 5 Dec 23  
Addendum #1 dated 28 Dec 23  
Addendum #2 dated 12 Jan 24  
Addendum #3 dated 19 Jan 24  
Addendum #4 dated 24 Jan 24
- BPD.1 Building Envelope & Fit-Out (re-bid) dated 11 March 24  
Addendum #1 dated 5 April 24  
Addendum #2 dated 11 April 24
- BPD.2 Sitework, Concrete, and Paving Specifications dated 11 Oct 24  
BPD.2 Sitework, Concrete, and Paving Drawings dated 18 Oct 24  
BPD.2 Sitework, Concrete, and Paving Attachment A dated 11 Oct 24  
Addendum #1 dated 17 Jan 25  
Addendum #2 dated 29 Jan 25

**VOLUME 1**

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| 000110 | Table of Contents          |
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| 002113 | Instructions to Bidders    |
| 003132 | Geotechnical Data          |
| 004100 | Bid Forms and Attachments: |
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|        | • Non-Collusion Statement  |
|        | • Consent of Surety        |

|        |                                                                                                                                                                                                                       |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <ul style="list-style-type: none"> <li>• Affidavit of Employee Drug Testing Program</li> <li>• Affidavit of Contractor Qualifications</li> <li>• DBE Subcontractor List</li> </ul>                                    |
| 004313 | Bid Bond                                                                                                                                                                                                              |
| 005200 | Agreement Forms: <ul style="list-style-type: none"> <li>• AIA Document A132-2019 Standard Form of Agreement Between Owner and Contractor</li> <li>• AIA Document A132-2019 Exhibit A - Insurance and Bonds</li> </ul> |
| 005413 | Supplement to Agreement Between Owner and Contractor A132-2019                                                                                                                                                        |
| 005414 | Supplement to A132-2019 – Exhibit A - Insurance and Bonds                                                                                                                                                             |
| 006113 | Performance and Payment Bond Forms                                                                                                                                                                                    |
| 006216 | Certificate of Insurance <ul style="list-style-type: none"> <li>• Professional Liability and Pollution Requirements</li> </ul>                                                                                        |
| 007200 | General Conditions AIA Document A232 - 2019                                                                                                                                                                           |
| 007300 | Supplementary General Conditions A232-2019                                                                                                                                                                            |
| 007343 | Wage Rate Requirements                                                                                                                                                                                                |
| 008113 | General Requirements <ul style="list-style-type: none"> <li>• Quarterly DBE Report</li> </ul>                                                                                                                         |
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| 012300 | Alternates                                                                                                                                                                                     |
| 012600 | Change Order Procedures <ul style="list-style-type: none"> <li>• Change Order Detail Form</li> <li>• Labor Detail Form</li> </ul>                                                              |
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| 013226 | Contractor Daily Reports <ul style="list-style-type: none"> <li>• Contractor's Daily Report Form</li> </ul>                                                                                    |
| 013300 | Submittal Procedures                                                                                                                                                                           |
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| 013523 | Safety Program <ul style="list-style-type: none"> <li>• Competent/Qualified Person Designation Log</li> <li>• Certificate of Training Documents</li> <li>• Job Hazard/Risk Analysis</li> </ul> |
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Not Used

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| 26 09 23 | Lighting Control Devices                                                |
| 26 09 43 | Network Lighting Controls                                               |
| 26 22 00 | Low-Voltage Transformers                                                |
| 26 24 16 | Panelboards                                                             |
| 26 27 16 | Commercial Pedestals                                                    |
| 26 27 26 | Wiring Devices                                                          |
| 26 28 13 | Fuses                                                                   |
| 26 28 16 | Enclosed Switches and Circuit Breakers                                  |
| 26 29 13 | Enclosed Controllers                                                    |
| 26 41 13 | Lightening Protection System                                            |
| 26 43 13 | Surge Protection Devices                                                |
| 26 51 00 | Interior Lighting                                                       |
| 26 56 00 | Exterior Lighting                                                       |
| 26 56 68 | Exterior Athletic Lighting                                              |

Division 27 – Communications

|          |                                        |
|----------|----------------------------------------|
| 27 05 00 | Telecommunications Pathways and Spaces |
| 27 10 00 | Structured Cabling                     |
| 27 20 00 | Network Equipment                      |

Division 28 – Electronic Safety and Security

|          |                               |
|----------|-------------------------------|
| 28 05 01 | Security Pathways and Spaces  |
| 28 10 00 | Intrusion Detection System    |
| 28 11 00 | Access Control System         |
| 28 20 00 | Video Surveillance System     |
| 28 46 21 | Addressable Fire Alarm System |

DIVISION 31 EARTHWORK

|          |                                                   |
|----------|---------------------------------------------------|
| 31 20 00 | Earth Moving                                      |
| 31 23 00 | Excavation & Backfill for Pipelines and Structure |

DIVISION 32 SITE IMPROVEMENT

|          |                                             |
|----------|---------------------------------------------|
| 32 12 16 | Asphalt Paving                              |
| 32 13 13 | Concrete Paving                             |
| 32 18 00 | Synthetic Turf Shock Pad                    |
| 32 18 13 | Synthetic Turf Carpet                       |
| 32 18 14 | Subgrade and Stone Aggregate Drainage Layer |
| 32 18 24 | Running Track Surface                       |
| 32 31 13 | Chain Link Fences and Gates                 |



32 80 00      Site Irrigation  
32 92 00      Grass Athletic Field Construction

DIVISION 33    SITE UTILITIES

33 41 00      Storm Utility Drainage Piping

END OF SECTION

SECTION 000115 - LIST OF DRAWINGS

All previously issued Bid Packages and Addendum are to be included by reference.

| DRWG NO.           | DRAWING NAME                                                      | BID PACKS | ISSUE DATE     | LATEST REV. DATE |
|--------------------|-------------------------------------------------------------------|-----------|----------------|------------------|
| General – Volume 1 |                                                                   |           |                |                  |
| <b>G-001</b>       | <b>Cover Sheet - Volume 1</b>                                     | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| G-002              | <del>Archival Drawing List</del> <b>Attachments A, B, &amp; C</b> | E         | 11/4/25        |                  |
| G-003              | Life Safety Plan - Fieldhouse                                     | E         | 11/4/25        |                  |
| G-005              | Life Safety Plan - Storage Buildings                              | E         | 11/4/25        |                  |
| G-006              | Life Safety Plan – Bleachers                                      | E         | 11/4/25        |                  |
|                    |                                                                   |           |                |                  |
| Demolition         |                                                                   |           |                |                  |
| AD-101             | Demolition Plan – Existing Building Site Plan                     | E         | 11/4/25        |                  |
| AD-102             | Demolition Plan – Existing Building 1 <sup>st</sup> Floor         | E         | 11/4/25        |                  |
| AD-103             | Demolition Plan – Existing Building 2 <sup>nd</sup> Floor         | E         | 11/4/25        |                  |
| AD-104             | Demolition Plan – Existing Gym & Greenhouse                       | E         | 11/4/25        |                  |
|                    |                                                                   |           |                |                  |
| Civil              |                                                                   |           |                |                  |
| C001               | Index Plan                                                        | E         | 11/4/25        |                  |
| C100               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C101               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C102               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C103               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C104               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C105               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C106               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| C107               | Existing Conditions and Demolition Plan                           | E         | 11/4/25        |                  |
| <b>C110</b>        | <b>Site Layout and Utility Plan</b>                               | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| C111               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| C112               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| <b>C113</b>        | <b>Site Layout and Utility Plan</b>                               | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| C114               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| C115               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| C116               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| C117               | Site Layout and Utility Plan                                      | E         | 11/4/25        |                  |
| C120               | Grading Plan                                                      | E         | 11/4/25        |                  |
| <b>C121</b>        | <b>Grading Plan</b>                                               | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| C122               | Grading Plan                                                      | E         | 11/4/25        |                  |
| C123               | Grading Plan                                                      | E         | 11/4/25        |                  |
| C124               | Grading Plan                                                      | E         | 11/4/25        |                  |
| C125               | Grading Plan                                                      | E         | 11/4/25        |                  |
| C126               | Grading Plan                                                      | E         | 11/4/25        |                  |

| DRWG NO. | DRAWING NAME                                             | BID PACKS | ISSUE DATE | LATEST REV. DATE |
|----------|----------------------------------------------------------|-----------|------------|------------------|
| C127     | Grading Plan                                             | E         | 11/4/25    |                  |
| C127A    | Grading Plan                                             | E         | 11/4/25    |                  |
| C130     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C131     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C132     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C133     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C134     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C135     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C136     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C137     | Storm Drainage Profiles                                  | E         | 11/4/25    |                  |
| C201     | Cover Sheet and General Notes                            | E         | 11/4/25    |                  |
| C202     | Overall Construction Site Phasing                        | E         | 11/4/25    |                  |
| C203     | Overall Pre-Construction Site Stormwater Management Plan | E         | 11/4/25    |                  |
| C204     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C205     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C206     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C207     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C208     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C209     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C210     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C211     | Pre-Construction Site Stormwater Management Plan         | E         | 11/4/25    |                  |
| C212     | Overall Construction Site Stormwater Management Plan     | E         | 11/4/25    |                  |
| C213     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C214     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C215     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C216     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C217     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C218     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C219     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C220     | Construction Site Stormwater Management Plan             | E         | 11/4/25    |                  |
| C221     | Construction Site Details and Notes                      | E         | 11/4/25    |                  |
| C222     | Construction Site Details and Notes                      | E         | 11/4/25    |                  |
| C223     | Construction Site Details and Notes                      | E         | 11/4/25    |                  |
| C224     | Construction Site Details and Notes                      | E         | 11/4/25    |                  |
| C230     | Post-Construction Stormwater Management Plan Facility #1 | E         | 11/4/25    |                  |
| C231     | Post-Construction Stormwater Management Plan Facility #1 | E         | 11/4/25    |                  |
| C232     | Post-Construction Stormwater Management Plan Facility #2 | E         | 11/4/25    |                  |
| C233     | Post-Construction Stormwater Management Plan Facility #2 | E         | 11/4/25    |                  |
| C234     | Post-Construction Stormwater Management Plan Facility #3 | E         | 11/4/25    |                  |
| C235     | Post-Construction Stormwater Management Plan Facility #3 | E         | 11/4/25    |                  |
| C300     | Record Landscape Plan                                    | E         | 11/4/25    |                  |

| DRWG NO.              | DRAWING NAME                               | BID PACKS | ISSUE DATE     | LATEST REV. DATE |
|-----------------------|--------------------------------------------|-----------|----------------|------------------|
| C350                  | Sanitary Sewer Index Plan                  | E         | 11/4/25        |                  |
| C351                  | Sanitary Sewer Plan and Profiles           | E         | 11/4/25        |                  |
| C352                  | Sanitary Sewer Plan and Profiles           | E         | 11/4/25        |                  |
| C353                  | Sanitary Sewer Plan and Profiles           | E         | 11/4/25        |                  |
| C354                  | Sanitary Sewer Plan and Profiles           | E         | 11/4/25        |                  |
| C355                  | Sanitary Sewer Details                     | E         | 11/4/25        |                  |
| C400                  | Fire Marshal Record Type Plan              | E         | 11/4/25        |                  |
| C401                  | Fire Marshal Record Type Plan              | E         | 11/4/25        |                  |
| C402                  | Fire Marshal Record Type Plan              | E         | 11/4/25        |                  |
| C403                  | Fire Marshal Record Type Plan              | E         | 11/4/25        |                  |
| C404                  | Fire Marshal Record Type Plan              | E         | 11/4/25        |                  |
| C500                  | Site Construction Details                  | E         | 11/4/25        |                  |
| C501                  | Site Construction Details                  | E         | 11/4/25        |                  |
| C502                  | Site Construction Details                  | E         | 11/4/25        |                  |
| C520                  | Athletic Field Details and Sections        | E         | 11/4/25        |                  |
| C521                  | Athletic Field Details and Sections        | E         | 11/4/25        |                  |
| C522                  | Athletic Field Details and Sections        | E         | 11/4/25        |                  |
| C523                  | Athletic Field Details and Sections        | E         | 11/4/25        |                  |
| <b>C524</b>           | <b>Athletic Field Details and Sections</b> | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
|                       |                                            |           |                |                  |
| Structural – Volume 2 |                                            |           |                |                  |
| <b>G-001A</b>         | <b>Cover Sheet – Volume 2</b>              | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| FS-001                | Cover Sheet                                | E         | 11/4/25        |                  |
| FS-002                | General Notes                              | E         | 11/4/25        |                  |
| FS-003                | General Notes                              | E         | 11/4/25        |                  |
| FS-004                | Project Schedules                          | E         | 11/4/25        |                  |
| FS-101                | Foundation Plan – Fieldhouse               | E         | 11/4/25        |                  |
| FS-102                | Roof Framing Plan - Fieldhouse             | E         | 11/4/25        |                  |
| FS-103                | Storage Building E1                        | E         | 11/4/25        |                  |
| FS-104                | Storage Building E2 &E3                    | E         | 11/4/25        |                  |
| FS-105                | Storage Building E4 &E5                    | E         | 11/4/25        |                  |
| FS-106                | Storage Building E6 & E7                   | E         | 11/4/25        |                  |
| FS-501                | Typical Foundation Details                 | E         | 11/4/25        |                  |
| FS-502                | Typical Foundation Details                 | E         | 11/4/25        |                  |
| FS-503                | Foundation Details                         | E         | 11/4/25        |                  |
| FS-504                | Foundation Details                         | E         | 11/4/25        |                  |
| FS-511                | Typical Framing Details                    | E         | 11/4/25        |                  |
| FS-512                | Typical Framing Details                    | E         | 11/4/25        |                  |
| FS-513                | Typical Framing Details                    | E         | 11/4/25        |                  |
| FS-514                | Framing Sections                           | E         | 11/4/25        |                  |
| FS-515                | Framing Sections                           | E         | 11/4/25        |                  |

| DRWG NO.      | DRAWING NAME                                                      | BID PACKS | ISSUE DATE | LATEST REV. DATE |
|---------------|-------------------------------------------------------------------|-----------|------------|------------------|
| Architectural |                                                                   |           |            |                  |
| FA-001        | Accessibility Details                                             | E         | 11/4/25    |                  |
| FA-002        | Architectural Site Plan & Site Details                            | E         | 11/4/25    |                  |
| FA-003        | Exterior Wall Assemblies and Site Details                         | E         | 11/4/25    |                  |
| FA-004        | Abbreviations, Legends, Partition Types, Notes & Details          | E         | 11/4/25    |                  |
| <b>FA-005</b> | <b>Stadium Turf Field Graphics</b>                                | <b>E</b>  |            | <b>12/22/25</b>  |
| FA-101        | Fieldhouse - Floor Plan                                           | E         | 11/4/25    |                  |
| FA-131        | Fieldhouse - First Floor Reflected Ceiling Plan & Ceiling Details | E         | 11/4/25    |                  |
| FA-151        | Fieldhouse - Finish Plan                                          | E         | 11/4/25    |                  |
| FA-181        | Fieldhouse - Roof Plan                                            | E         | 11/4/25    |                  |
| FA-201        | Fieldhouse - Exterior Building Elevations                         | E         | 11/4/25    |                  |
| FA-301        | Fieldhouse - Building Sections                                    | E         | 11/4/25    |                  |
| FA-311        | Fieldhouse - Wall Sections                                        | E         | 11/4/25    |                  |
| FA-312        | Fieldhouse - Wall Sections                                        | E         | 11/4/25    |                  |
| FA-313        | Fieldhouse - Wall Sections                                        | E         | 11/4/25    |                  |
| FA-431        | Enlarged Plans - Toilet Rooms                                     | E         | 11/4/25    |                  |
| FA-441        | Interior Elevations                                               | E         | 11/4/25    |                  |
| FA-511        | Main Entrance Sign Details                                        | E         | 11/4/25    |                  |
| FA-512        | External Signage Main Building Patio                              | E         | 11/4/25    |                  |
| FA-521        | Interior Doors & Misc. Details                                    | E         | 11/4/25    |                  |
| FA-531        | Hollow Metal Door Details                                         | E         | 11/4/25    |                  |
| FA-541        | Coiling Door Details                                              | E         | 11/4/25    |                  |
| FA-542        | Coiling Door Details                                              | E         | 11/4/25    |                  |
| FA-543        | Coiling Door Details                                              | E         | 11/4/25    |                  |
| FA-561        | Louver Types and Details                                          | E         | 11/4/25    |                  |
| FA-571        | Hollow Metal Door Details                                         | E         | 11/4/25    |                  |
| FA-581        | Fieldhouse SF & Louver Schedule & Details                         | E         | 11/4/25    |                  |
| FA-591        | Roofing Details                                                   | E         | 11/4/25    |                  |
| FA-601        | Door Schedule, Door & Frame Types                                 | E         | 11/4/25    |                  |
| FA-701        | Home Bleachers Plan                                               | E         | 11/4/25    |                  |
| FA-702        | Press Box Home                                                    | E         | 11/4/25    |                  |
| FA-703        | Home Bleachers - Details                                          | E         | 11/4/25    |                  |
| FA-704        | Visitor Bleachers – Plans & Details                               | E         | 11/4/25    |                  |
| FA-801        | Building E1 – Alternate 3                                         | E         | 11/4/25    |                  |
| FA-802        | Building E2 & E3                                                  | E         | 11/4/25    |                  |
| FA-803        | Building E4 – Alternate 4                                         | E         | 11/4/25    |                  |
| FA-803A       | Building E4 Wall Sections                                         | E         | 11/4/25    |                  |
| FA-804        | Building E5                                                       | E         | 11/4/25    |                  |
| FA-804A       | Building E5 Wall Sections                                         | E         | 11/4/25    |                  |
| FA-805        | Building E6 & E7                                                  | E         | 11/4/25    |                  |
| FA-805A       | Building 6 & 7 Sections                                           | E         | 11/4/25    |                  |

| DRWG NO.        | DRAWING NAME                                              | BID PACKS | ISSUE DATE     | LATEST REV. DATE |
|-----------------|-----------------------------------------------------------|-----------|----------------|------------------|
| Mechanical      |                                                           |           |                |                  |
| <b>FA-M001</b>  | <b>Legends &amp; Abbreviations – HVAC</b>                 | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| FA-M101         | First Floor – Fieldhouse – HVAC                           | E         | 11/4/25        |                  |
| FA-MP101        | First Floor – Fieldhouse – Mechanical Piping              | E         | 11/4/25        |                  |
| FA-M181         | Roof Plan – Fieldhouse – HVAC                             | E         | 11/4/25        |                  |
| FA-M301         | Details – HVAC                                            | E         | 11/4/25        |                  |
| FA-M302         | Details – HVAC                                            | E         | 11/4/25        |                  |
| FA-M303         | Details – HVAC                                            | E         | 11/4/25        |                  |
| FA-M304         | Details – HVAC                                            | E         | 11/4/25        |                  |
| FA-M401         | Automatic Temperature Controls                            | E         | 11/4/25        |                  |
| FA-M402         | Automatic Temperature Controls                            | E         | 11/4/25        |                  |
| FA-M403         | Automatic Temperature Controls                            | E         | 11/4/25        |                  |
| FA-M501         | Schedules                                                 | E         | 11/4/25        |                  |
| Fire Protection |                                                           |           |                |                  |
| FA-F101         | Fire Protection Zoning Plan - Fieldhouse                  | E         | 11/4/25        |                  |
| FA-F302         | Details - Fire Protection                                 | E         | 11/4/25        |                  |
| Plumbing        |                                                           |           |                |                  |
| FA-P001         | Legends & Abbreviations - Plumbing                        | E         | 11/4/25        |                  |
| FA-P101         | First Floor – Fieldhouse – Plumbing                       | E         | 11/4/25        |                  |
| FA-P181         | Roof Plan – Fieldhouse – Plumbing                         | E         | 11/4/25        |                  |
| FA-P301         | Details – Plumbing                                        | E         | 11/4/25        |                  |
| FA-P302         | Details – Plumbing                                        | E         | 11/4/25        |                  |
| FA-P303         | Details – Plumbing                                        | E         | 11/4/25        |                  |
| FA-P401         | Risers – Plumbing                                         | E         | 11/4/25        |                  |
| FA-P401         | Risers - Plumbing                                         | E         | 11/4/25        |                  |
| FA-P501         | Schedules – Plumbing                                      | E         | 11/4/25        |                  |
| Electrical      |                                                           |           |                |                  |
| FA-E001         | Electrical Legend, Schedules & Abbreviations              | E         | 11/4/25        |                  |
| FA-E002         | Lighting Fixture Schedule                                 | E         | 11/4/25        |                  |
| FA-E003         | Electrical Site Plan                                      | E         | 11/4/25        |                  |
| FA-E004         | Electrical Site Plan                                      | E         | 11/4/25        |                  |
| FA-E005         | Electrical Site Plan                                      | E         | 11/4/25        |                  |
| FA-E006         | Electrical Site Plan                                      | E         | 11/4/25        |                  |
| FA-E101         | Fieldhouse – Power, Lighting and Fire Alarm               | E         | 11/4/25        |                  |
| FA-E102         | Building E1,E4,&E5 – Power and Lighting                   | E         | 11/4/25        |                  |
| FA-E103         | Building E2, E3, E6, E6-S, E7 & E7-S – Power and Lighting | E         | 11/4/25        |                  |
| FA-E501         | Schematic Power Riser Diagram                             | E         | 11/4/25        |                  |
| FA-E502         | Schematic Fire Alarm Riser Diagram                        | E         | 11/4/25        |                  |

| DRWG NO.      | DRAWING NAME                                            | BID PACKS | ISSUE DATE     | LATEST REV. DATE |
|---------------|---------------------------------------------------------|-----------|----------------|------------------|
| FA-E601       | Panel Schedules                                         | E         | 11/4/25        |                  |
| FA-E602       | Panel Schedules                                         | E         | 11/4/25        |                  |
| FA-E603       | Mechanical Equipment Connection Schedule                | E         | 11/4/25        |                  |
| FA-E701       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E702       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E703       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E704       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E705       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E706       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E707       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E708       | Electrical Details                                      | E         | 11/4/25        |                  |
| FA-E709       | Electrical Details                                      | E         | 11/4/25        |                  |
|               |                                                         |           |                |                  |
|               | Technology And Security                                 |           |                |                  |
| FA-T000       | Symbols And Notes                                       | E         | 11/4/25        |                  |
| FA-T100       | Site Plan                                               | E         | 11/4/25        |                  |
| FA-T101       | Building E1, E4, & E5 - Technology                      | E         | 11/4/25        |                  |
| FA-T102       | Building E2, E3, E6, E7 - Technology                    | E         | 11/4/25        |                  |
| FA-T137       | Field House Technology Plan                             | E         | 11/4/25        |                  |
| FA-T500       | Telecom Wiring                                          | E         | 11/4/25        |                  |
| FA-T501       | Pathways And Faceplates                                 | E         | 11/4/25        |                  |
| FA-TY000      | Security Symbols and Notes                              | E         | 11/4/25        |                  |
| FA-TY100      | Site Security Plan                                      | E         | 11/4/25        |                  |
| FA-TY101      | Building E1, E4, & E5 - Security                        | E         | 11/4/25        |                  |
| FA-TY102      | Building E2, E3, E6 & E7 - Security                     | E         | 11/4/25        |                  |
| FA-TY137      | Fieldhouse Security Plan                                | E         | 11/4/25        |                  |
| FA-TY500      | Intrusion Detection System                              | E         | 11/4/25        |                  |
| FA-TY501      | Access Control System                                   | E         | 11/4/25        |                  |
| FA-TY502      | Video Surveillance System                               | E         | 11/4/25        |                  |
|               |                                                         |           |                |                  |
| <b>G-001B</b> | <b>Cover Sheet - Volume 3</b>                           | <b>E</b>  | <b>11/4/25</b> | <b>12/22/25</b>  |
| <b>G-002</b>  | <b>Attachments A, B, &amp; C</b>                        | <b>E</b>  | <b>11/4/25</b> |                  |
|               | Attachment "B" Civil and Demolition Clarification Notes | E         | 11/4/25        |                  |
|               | Attachment "C" Final Cleaning Contract Package          | E         | 11/4/25        |                  |
|               |                                                         |           |                |                  |

END OF SECTION

CONTRACT NO: E-01 - DEMOLITION AND REMOVAL

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

\_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$75,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.



Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Demolition</u>                     |                      |                                   |                                                                         |
| 2. _____                                 |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

\_\_\_\_\_  
a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-02 - SITEWORK & UTILITIES

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

\_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)



ALLOWANCES

We/I confirm that the following Allowances have been included in the Base Bid price listed above.

1. \$250,000 allowance for soil remediation to be allocated by the Owner/Construction Manager.
2. \$100,000 allowance for work to be determined by Owner and Construction Manager.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Sitework</u>                       |                      |                                   |                                                                         |
| 2. <u>Concrete Paving &amp; Curbs</u>    |                      |                                   |                                                                         |
| 3. <u>Asphalt Paving</u>                 |                      |                                   |                                                                         |
| 4. <u>Fencing</u>                        |                      |                                   |                                                                         |
| 5. <u>Turf Field</u>                     |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

\_\_\_\_\_  
a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION



CONTRACT NO: E-03 - CONCRETE AND REINFORCING

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$30,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Concrete</u>                       |                      |                                   |                                                                         |
| 2. <u>Reinforcing Steel</u>              |                      |                                   |                                                                         |
| 3. <u>Waterproofing</u>                  |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

\_\_\_\_\_  
a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**



DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-04 - STRUCTURAL STEEL, JOISTS, DECK AND MISC. METALS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$20,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Structural Steel</u>               |                      |                                   |                                                                         |
| 2. <u>Miscellaneous Metals</u>           |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

\_\_\_\_\_  
a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**



**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-06 –GENERAL TRADES-CARPENTRY, CFMF, GYP ASSEMBLIES, ACT CLGS.  
BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

**ALTERNATES**

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that the following Allowances have been included in the Base Bid price listed above.

1. \$50,000.00 for work be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.
2. \$325,000 to provide dumpsters for **Phase I and Phase II** portions of the project. Work to be directed by the owner and CM.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>CFMF and Sheathing</u>             |                      |                                   |                                                                         |
| 2. <u>Metal Studs and Drywall</u>        |                      |                                   |                                                                         |
| 3. <u>ACT Ceilings</u>                   |                      |                                   |                                                                         |
| 4. <u>Carpentry</u>                      |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)



**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-07 - EXTERIOR METAL PANELS AND PRE\_ENGINEERED BUILDINGS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

CONTRACT E-07 - EXTERIOR METAL PANELS AND PRE\_ENGINEERED BUILDINGS

BID FORM AND ATTACHMENTS

PU19, Revised 12/2022

004100-1

ALLOWANCES

We/I confirm that an Allowances in the amount of \$20,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>              | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|--------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Door Frames and Hardware Install</u> |                      |                                   |                                                                         |
| 2. <u>Carpentry</u>                        |                      |                                   |                                                                         |
| 3. <u>Metal Panels</u>                     |                      |                                   |                                                                         |
| 4. _____                                   |                      |                                   |                                                                         |
| 5. _____                                   |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u>   |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.



CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

\_\_\_\_\_  
a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-08 - ROOFING

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$20,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Metal Panels</u>                   |                      |                                   |                                                                         |
| 2. <u>Roofing</u>                        |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |



NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-09 - HOLLOW METAL, WOOD DOORS, AND FINISH HARDWARE

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_

(Authorized Signature)

(SEAL)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)



**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Roofing</u>                        |                      |                                   |                                                                         |
| 2. <u>Hollow Metal Doors</u>             |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-10- OVERHEAD COILING DOORS AND SHUTTERS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

CONTRACT E-10- OVERHEAD COILING DOORS AND SHUTTERS

BID FORM AND ATTACHMENTS

PU19, Revised 12/2022

004100-1

We/I confirm that an Allowances in the amount of \$15,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_



ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Joint Sealants</u>                 |                      |                                   |                                                                         |
| 2. <u>Overhead Doors</u>                 |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-11 - FLUID-APPLIED FLOORING

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )

ALLOWANCES

We/I confirm that an Allowances in the amount of \$10,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.



Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)  
Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Doors, Frames and Hardware</u>     |                      |                                   |                                                                         |
| 2. <u>Fluid Applied Flooring</u>         |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-12 - PAINTING

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)



This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Overhead Doors/Grills</u>          |                      |                                   |                                                                         |
| 2. <u>Painting</u>                       |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE<br>Name | DBE<br>Address | DBE<br>Phone<br>Number | DBE<br>Email address | DelDOT or<br>OSD<br>Registration<br>Number | DBE %<br>of<br>Contract | Description of Work |
|-------------|----------------|------------------------|----------------------|--------------------------------------------|-------------------------|---------------------|
|             |                |                        |                      |                                            |                         |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION



CONTRACT NO: E-13 – BLEACHERS AND GRANDSTANDS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )

ALLOWANCES

We/I confirm that an Allowances in the amount of \$10,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)  
Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Storefronts and Glazing</u>        |                      |                                   |                                                                         |
| 2. <u>Bleachers and Grandstands</u>      |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION



CONTRACT NO: E-14 – FIRE PROTECTION

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )

ALLOWANCES

We/I confirm that an Allowances in the amount of \$10,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)  
Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Flooring</u>                       |                      |                                   |                                                                         |
| 2. <u>Fire Protection</u>                |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE<br>Name | DBE<br>Address | DBE<br>Phone<br>Number | DBE<br>Email address | DelDOT or<br>OSD<br>Registration<br>Number | DBE %<br>of<br>Contract | Description of Work |
|-------------|----------------|------------------------|----------------------|--------------------------------------------|-------------------------|---------------------|
|             |                |                        |                      |                                            |                         |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION



CONTRACT NO: E-15- PLUMBING, HVAC, AND CONTROLS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 5: Mechanical Preferred Vendors

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 6: Plumbing Preferred Vendors.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$30,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
(Title)  
Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Fluid Applied Flooring</u>         |                      |                                   |                                                                         |
| 2. <u>Plumbing</u>                       |                      |                                   |                                                                         |
| 3. <u>HVAC</u>                           |                      |                                   |                                                                         |
| 4. <u>Controls</u>                       |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**



DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-16 - ELECTRICAL, LIGHTING, AND FIRE ALARM SYSTEMS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 1: Add stadium lighting at main stadium and field.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 2: Add field lighting to existing practice turf field.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

CONTRACT E-16 - ELECTRICAL, LIGHTING, AND FIRE ALARM SYSTEMS

BID FORM AND ATTACHMENTS

PU19, Revised 12/2022

004100-1

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$\_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$\_\_\_\_\_)

Alternate No. 7 - Electrical Preferred Vendors.

Add/Deduct \_\_\_\_\_ (\$\_\_\_\_\_)

**Alternate No. 8 - Audio system basis of design to be audio system mounted on the press box.**

**Add/Deduct \_\_\_\_\_ (\$\_\_\_\_\_)**

ALLOWANCES

We/I confirm that an Allowances in the amount of \$25,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)  
Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Painting</u>                       |                      |                                   |                                                                         |
| 2. <u>Lighting</u>                       |                      |                                   |                                                                         |
| 3. <u>Fire Alarm</u>                     |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**



**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-17 – SPECIAL SYSTEMS

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 1: Add stadium lighting at main stadium and field.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 2: Add field lighting to existing practice turf field.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

**Alternate No. 8 - Audio system basis of design to be audio system mounted on the press box.**

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$20,000.00 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_

(Individual's / General Partner's / Corporate Name)

\_\_\_\_\_  
(State of Corporation)

Business Address:

---

---

---

---

Witness: \_\_\_\_\_ By: \_\_\_\_\_

(Authorized Signature)

(SEAL)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List

Non-Collusion Statement

Bid Bond

Consent of Surety

Affidavit of Employee Drug Testing Program

Affidavit of Contractor Qualifications

DBE Subcontractor List

New Castle County Contractor License

(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Specialties</u>                    |                      |                                   |                                                                         |
| 2. <u>Canopies</u>                       |                      |                                   |                                                                         |
| 3. <u>Special Systems</u>                |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)



**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-18 – FINAL CLEANING

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )

ALLOWANCES

We/I confirm that an Allowances in the amount of \$30,000 have been included in the Base Bid price listed above. This allowance is to be used at the Owner and Construction Manager's discretion. All remaining allowance shall be returned to the Owner at completion.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)  
Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Bleachers and Grandstands</u>      |                      |                                   |                                                                         |
| 2. <u>Final Cleaning</u>                 |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)



**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-19 – GENERAL LABOR AND CLEAN-UP

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )

ALLOWANCES

We/I confirm that an Allowances in the amount of \$7,500 have been included in the Base Bid price listed above. This allowance is for material handling tools. To include but not limited to, wheeled bins for trash removal, shovels, brooms, trash bags etc. purchased materials shall be tracked with receipts and verified. Any funds left unspent will be returned to the owner via credit change order. (all tools purchased under this allocation shall be organized and turned over to the owner at completion of the work).

UNIT PRICES

**Unit prices conform to applicable project specification section. Refer to the specifications for a complete description of the following Unit Prices:**

|                                                         | Add   | Deduct | Add   | Deduct |
|---------------------------------------------------------|-------|--------|-------|--------|
| 1. Addition or deletion of manhours from base contract. | _____ | _____  | _____ | _____  |

**NOTE: The difference in price between Add and Deduct in the above Unit Prices should not exceed fifteen percent (10%).**

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)

\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Fire Protection</u>                |                      |                                   |                                                                         |
| 2. <u>Labor</u>                          |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.



CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-20 FLAGGER ENTRANCE PROTECTION

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$10,000.00 have been included in the Base Bid price listed above. This allowance is for material handling tools. To include but not limited to, wheeled bins for trash removal, shovels, brooms, trash bags etc. purchased materials shall be tracked with receipts and verified. Any funds left unspent will be returned to the owner via credit change order. (all tools purchased under this allocation shall be organized and turned over to the owner at completion of the work).

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

**ATTACHMENTS**

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Flagger</u>                        |                      |                                   |                                                                         |
| 2. _____                                 |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.



CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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Total DBEs on project: \_\_\_\_\_

END OF SECTION

CONTRACT NO: E-21 – JOINT SEALANTS AND PREFORMED JOINT ASSEMBLIES

BID FORM

For Bids Due: \_\_\_\_\_

To: NCCVT School District  
1417 Newport Road  
Wilmington, DE 19804

Name of Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Delaware Business License No.: \_\_\_\_\_ Taxpayer ID No.: \_\_\_\_\_

(Other License Nos.): \_\_\_\_\_

**(A copy of Bidder's Licenses must be attached to this form.)**

Phone No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax No.: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_)

ALLOWANCES

We/I confirm that an Allowances in the amount of \$10,000.00 have been included in the Base Bid price listed above. This allowance is for material handling tools. To include but not limited to, wheeled bins for trash removal, shovels, brooms, trash bags etc. purchased materials shall be tracked with receipts and verified. Any funds left unspent will be returned to the owner via credit change order. (all tools purchased under this allocation shall be organized and turned over to the owner at completion of the work).

ALTERNATES

**Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.**

**Alternate No. 3: Provide Building E1 work associated with your contract scope.**

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

CONTRACT E-21 – JOINT SEALANTS AND PREFORMED JOINT ASSEMBLIES

BID FORM AND ATTACHMENTS

PU19, Revised 12/2022

004100-1

**Alternate No. 4: Provide Building E5 work associated with your contract scope.**

Add/Deduct \_\_\_\_\_ (\$ \_\_\_\_\_)

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid (if required).

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within the durations included in the bid schedule provided and Section 013216 Const. Schedule.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am/We are an Individual/a Partnership/a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness: \_\_\_\_\_ By: \_\_\_\_\_  
(SEAL) (Authorized Signature)  
\_\_\_\_\_  
(Title)

Date: \_\_\_\_\_

ATTACHMENTS

Sub-Contractor List  
Non-Collusion Statement  
Bid Bond  
Consent of Surety  
Affidavit of Employee Drug Testing Program  
Affidavit of Contractor Qualifications  
DBE Subcontractor List  
New Castle County Contractor License  
(Others as Required by Project Manuals)

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder’s listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor’s full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert “not applicable”, “N/A”, “self” or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (\*) next to any additional third-tier contractors, and submit it with your bid.

| <u>Subcontractor Category</u>            | <u>Subcontractor</u> | <u>Address (City &amp; State)</u> | <u>Subcontractors tax-payer ID #<br/>or Delaware Business license #</u> |
|------------------------------------------|----------------------|-----------------------------------|-------------------------------------------------------------------------|
| 1. <u>Joint Sealants</u>                 |                      |                                   |                                                                         |
| 2. _____                                 |                      |                                   |                                                                         |
| 3. _____                                 |                      |                                   |                                                                         |
| 4. _____                                 |                      |                                   |                                                                         |
| 5. _____                                 |                      |                                   |                                                                         |
| 6. <u>NO ADDITIONAL ENTRIES REQUIRED</u> |                      |                                   |                                                                         |



NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date \_\_\_\_\_.

All the terms and conditions of Contract: \_\_\_\_\_ have been thoroughly examined and are understood.

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(TYPED): \_\_\_\_\_

AUTHORIZED REPRESENTATIVE  
(SIGNATURE): \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-MAIL: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

CONSENT OF SURETY

DATE \_\_\_\_\_

To: NCC Vocational Technical School District  
1417 Newport Road  
Wilmington, DE 19804

Gentlemen:

We, the \_\_\_\_\_

\_\_\_\_\_  
(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

is awarded the Contract No. \_\_\_\_\_

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Attorney-in-Fact)

**AFFIDAVIT**  
**OF**  
**EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors, that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**AFFIDAVIT  
OF  
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

**Contractor Name:** \_\_\_\_\_

**Contractor Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

DBE SUBCONTRACTOR LIST

| DBE Name | DBE Address | DBE Phone Number | DBE Email address | DelDOT or OSD Registration Number | DBE % of Contract | Description of Work |
|----------|-------------|------------------|-------------------|-----------------------------------|-------------------|---------------------|
|          |             |                  |                   |                                   |                   |                     |
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|          |             |                  |                   |                                   |                   |                     |

Total DBEs on project: \_\_\_\_\_

END OF SECTION

SECTION 007343 – WAGE RATE REQUIREMENTS

1. SUMMARY

- A. In accordance with Delaware Code, Title 29, Chapter 69, Section 6912, all laborers and mechanics of the Contractor and all subcontractors employed to perform work directly upon the site of the work shall be paid unconditionally and not less often than once a week and without subsequent deduction or rebate on any account the full amounts accrued at the time of payment computed at wage rates not less than those determined by the Division of Industrial Affairs, Department of Labor, State of Delaware, as the prevailing rates in this area.
- B. This approved scale of wages must be posted by the Contractor in a prominent and easily accessible place at the site of the work.
- C. It is further stipulated that there may be withheld from the Contractor such accrued payment as may be considered necessary by the contracting officer to pay laborers and mechanics employed by the Contractor or any subcontractors on the work the difference between the rates of wages required and the rate of wages received by such laborers and mechanics and not refunded to the Contractor, subcontractor or their agents.
- D. Where wage rates are published in this Manual they are issued by the State Department of Labor on the date indicated and are included for the convenience of Bidders. The Owner, the Architect, and the Construction Manager, accept no responsibility for the accuracy or applicability of any rates included herein. The actual wage rate determinations which will apply to the work will be those in effect on the first day of public advertisement for bids as determined by the State Department of Labor. It will be the responsibility of each bidder to contact the State Department of Labor and to incorporate these rates in his bid.
- E. "In accordance with Delaware Code, Title 29, Section 6912, as amended July 5, 1994, contractors shall furnish sworn payroll information to the Department of Labor on a weekly basis for each contract which exceeds \$15,000 for renovation work and \$100,000 for new construction. The construction contract amount is based on a cumulative total of all contracts bid for a specific project. Payroll forms for submission may be obtained from the Department of Labor."
  - 1. A Payroll Report, available from the Department of Labor is to be used to provide this information.
- F. A copy of the Prevailing Wages for the project is attached hereto.
- G. For this pilot project, includes a cooperative program in which students from Vocational Technical schools will work on the project in compliance with Title 19, Chapter 5 of the Delaware Code. The wage rate of \$16.50 per hour has been established by the Office of Management and Budget (OMB) and the New Castle County Vocational Technical School District. This wage rate shall be recognized by the Delaware Department of Labor as "OMB Pilot Program Coop Student Rate" in lieu of a Prevailing Wage rate on the pilot project. This Student Rate is applicable to this pilot project only.

END OF SECTION



STATE OF DELAWARE  
DEPARTMENT OF LABOR  
DIVISION OF INDUSTRIAL AFFAIRS  
OFFICE OF CONSTRUCTION ENFORCEMENT  
CHAPMAN BLDG., STE. 210  
252 CHAPMAN RD.  
NEWARK, DE. 19702

**Via Electronic and Regular Mail**

June 2, 2025

Mr. Kevin Lucas  
Edis Company  
110 S. Poplar Street  
Suite 400  
Wilmington, DE 19805

Re: Hodgson Vo-Tech Bid Pack E, New Castle County, DE

Dear Mr. Lucas:

I am responding to your request for a category determination for the Hodgson Vo-Tech Bid Pack E, which is a state funded construction project located in New Castle County, DE. The work consists of phase II of the New Hodgson HS Project Demolition of existing school, new stadium, turf field, sports fields and ancillary storage buildings. Utility work and site work are part of this phase II work. You estimate the total cost of construction for this project to be \$19,122,000.00.

Based upon the information you provided the Department of Labor has determined that this project is a Building Construction project.

Delaware's Prevailing Wage Regulations provide that the rates applicable to a project are the rates in effect on the date of publication of the specifications for that project. I have enclosed a certified copy of the March 14, 2025, prevailing wage rates for Building Construction to be included in your bid specification. However, please be advised that, in the event that a contract for a project is not executed within one hundred and twenty (120) days from the earliest date the specifications were published, the rates in effect at the time of the execution of the contract shall be the applicable rates for the project.

This determination is directed solely to the parties identified herein. It is based on the unique facts relevant to this matter. It does not constitute precedent and should not be cited as such by future parties.

Pursuant to 19 Del. Chapter 36, all contractors must obtain their Contractor Registration Certificate prior to performing construction services or maintenance work throughout Delaware. Contractors can submit an application by visiting the Delaware One Stop [https://onestop.delaware.gov/Operate\\_Contractors](https://onestop.delaware.gov/Operate_Contractors).

**Additionally, effective January 1, 2025, SSI for SB307 amends Delaware's Prevailing Law 29 Del.C.6960(b) now requires these applicable prevailing wage rates to be paid to all workers who perform custom fabrication work regardless of where the work is performed. For further information regarding custom fabrication see 29 Del.C.6902(8).**

Lastly, please see the enclosed debarment list. Entities/individuals listed shall not be permitted to bid on, be awarded or work on Delaware State funded construction projects, in the timeframe specified, as provided for under 29 Del.C.6960 or other applicable State statutes.

If you have any questions or I can provide any additional assistance, please do not hesitate to contact me at (302) 451-3458.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicholas Ievoli", with a long horizontal line extending to the right.

Nicholas Ievoli  
Labor Law Enforcement Officer II  
Nicholas.levoli@delaware.gov

Enclosures



STATE OF DELAWARE  
DEPARTMENT OF LABOR  
DIVISION OF INDUSTRIAL AFFAIRS  
OFFICE OF LABOR LAW ENFORCEMENT  
PHONE: (302) 318-2769

Mailing Address:  
252 Chapman Road  
Suite 210  
Newark, DE 19702

Located at:  
252 Chapman Road  
Suite 210  
Newark, DE 19702

PREVAILING WAGES FOR BUILDING CONSTRUCTION EFFECTIVE MARCH 14, 2025

| CLASSIFICATION                    | NEW CASTLE | KENT  | SUSSEX |
|-----------------------------------|------------|-------|--------|
| ASBESTOS WORKERS                  | 29.89      | 36.79 | 53.56  |
| BOILERMAKERS                      | 89.46      | 45.39 | 66.72  |
| BRICKLAYERS                       | 66.79      | 66.79 | 66.79  |
| CARPENTERS                        | 62.56      | 62.56 | 50.80  |
| CEMENT FINISHERS                  | 94.36      | 67.11 | 52.04  |
| ELECTRICAL LINE WORKERS           | 59.42      | 50.96 | 38.85  |
| ELECTRICIANS                      | 83.92      | 83.92 | 83.92  |
| ELEVATOR CONSTRUCTORS             | 117.63     | 84.30 | 100.06 |
| GLAZIERS                          | 85.50      | 85.50 | 74.04  |
| INSULATORS                        | 69.12      | 69.12 | 69.12  |
| IRON WORKERS                      | 77.73      | 77.73 | 77.73  |
| LABORERS                          | 57.65      | 57.65 | 57.65  |
| MILLWRIGHTS                       | 88.35      | 88.35 | 70.97  |
| PAINTERS                          | 59.63      | 59.63 | 59.63  |
| PILEDRIVERS                       | 91.12      | 51.44 | 41.60  |
| PLASTERERS                        | 39.01      | 39.01 | 28.91  |
| PLUMBERS/PIPEFITTERS/STEAMFITTERS | 79.55      | 82.95 | 73.71  |
| POWER EQUIPMENT OPERATORS         | 83.29      | 83.29 | 83.29  |
| ROOFERS-COMPOSITION               | 32.40      | 30.53 | 32.76  |
| ROOFERS-SHINGLE/SLATE/TILE        | 24.03      | 28.59 | 22.47  |
| SHEET METAL WORKERS               | 86.84      | 86.84 | 86.84  |
| SOFT FLOOR LAYERS                 | 61.68      | 61.68 | 47.74  |
| SPRINKLER FITTERS                 | 73.13      | 73.13 | 73.13  |
| TERRAZZO/MARBLE/TILE FNRS         | 70.79      | 70.79 | 81.89  |
| TERRAZZO/MARBLE/TILE STRS         | 78.73      | 78.73 | 90.82  |
| TRUCK DRIVERS                     | 56.88      | 35.86 | 27.91  |

CERTIFIED: 6/3/2025

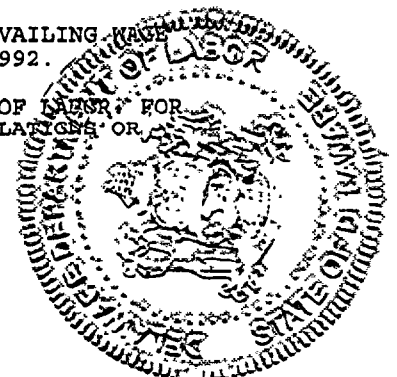
BY: Salina Overland Dei Francis Audelk  
ADMINISTRATOR, OFFICE OF LABOR LAW ENFORCEMENT

NOTE: THESE RATES ARE PROMULGATED AND ENFORCED PURSUANT TO THE PREVAILING WAGE REGULATIONS ADOPTED BY THE DEPARTMENT OF LABOR ON APRIL 3, 1992.

CLASSIFICATIONS OF WORKERS ARE DETERMINED BY THE DEPARTMENT OF LABOR. FOR ASSISTANCE IN CLASSIFYING WORKERS, OR FOR A COPY OF THE REGULATIONS OR CLASSIFICATIONS, PHONE (302) 318-2769.

NON-REGISTERED APPRENTICES MUST BE PAID THE MECHANIC'S RATE.

PROJECT: Hodgson Vo-Tech Bid Pack E , New Castle County



### **PREVAILING WAGE DEBARMENT LIST**

The following contractors have been debarred for violations of the prevailing wage law 29Del.C. §6960 or other applicable State statutes.

Therefore, no public construction contract in this State shall be bid on, awarded to, or received by contractors and individuals on this list for a period of (3) three years from the date of the judgment or as deemed by a court of competent jurisdiction.

| <b>Contractor</b>                                                                   | <b>Address</b>                                                                          | <b>Date of Debarment</b>                                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Mullen Brothers, Inc.<br>and<br>Daniel Mullen, individually                         | 3375 Garnett Road,<br>Boothwyn, PA 19060                                                | Indefinite/<br>Civil Contempt                                    |
| State Contractors<br>Corporation, and Jose<br>Oscar Rivera, individually            | 13004 Hathaway Drive<br>Silver Spring, MD 20906                                         | Indefinite/ 19<br><u>Del.C.</u> 2374(f)                          |
| Green Granite<br>and<br>Jason Green, individually                                   | 604 Heatherbrooke Court<br>Avondale, PA 19311                                           | Indefinite/<br>Civil Contempt                                    |
| Pro Image Landscaping, Inc.<br>and<br>Owner(s) individually                         | 23 Commerce Street<br>Wilmington, DE 19801 and/or<br>2 Cameo Road<br>Claymont, DE 19703 | Indefinite/19<br><u>Del.C.</u> §108 &<br>10 <u>Del.C.</u> 542(c) |
| Liberty Mechanical, LLC<br>and<br>Owner(s), individually                            | 2032 Duncan Road<br>Wilmington, DE 19801                                                | Indefinite/ 19<br><u>Del.C.</u> 2374(f)                          |
| Integrated Mechanical and<br>Fire Systems Inc. and Allison<br>Sheldon, individually | 4601 Governor Printz Boulevard<br>Wilmington, DE 19809                                  | Indefinite/19<br><u>Del.C.</u> §108 &<br>10 <u>Del.C.</u> 542(c) |
| ACH 1, INC.                                                                         | 873 Salem Church Road<br>Newark, DE 19702                                               | Indefinite/19<br><u>Del.C.</u> 6960                              |

Updated: July 6, 2022

SECTION 011100 - SUMMARY OF WORK

1. RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Sections, apply to work of this Section.

2. CONTRACTS

- A. The work will be performed under separate prime contracts managed by the Construction Manager.

3. ALTERATIONS & COORDINATION

- A. Contractor shall be responsible to coordinate their work with the work of others, including, but not limited to, the preparation of general coordination drawings, diagrams and schedules, and control of site utilization, from the beginning of activity, through project close-out and warranty periods.

4. KNOWLEDGE OF CONTRACT REQUIREMENTS

- A. The Contractor and his Subcontractors, Sub-subcontractors and material men shall consult in detail the Contract Documents for instructions and requirements pertaining to the Work, and at his and their cost, shall provide all labor, materials, equipment and services necessary to furnish, install and complete the work in strict conformance with all provisions thereof.
- B. The Contractor will be held to have examined the site of the Work prior to submitting his proposal and informed himself, his Subcontractors, Sub-subcontractors and material men of all existing conditions affecting the execution of the Work.
- C. The Contractor will be held to have examined the Contract Documents and modifications thereto, as they may affect subdivisions of the Work and informed himself, his Subcontractors, Sub-subcontractors and material men of all conditions thereof affecting the execution of the Work.
- D. The Scope of Work for the Contract is not necessarily limited to the description of each section of the Specifications and the illustrations shown on the Drawings. Include all minor items not expressly indicated in the Contract Documents, or as might be found necessary as a result of field conditions, in order to complete the Work as it is intended, without any gaps between the various subdivisions of work.
- E. The Contractor will be held to be thoroughly familiar with all conditions affecting labor in the area of the Project including, but not limited to, Unions, incentive pay, procurements, living, parking and commuting conditions and to have informed his Subcontractors and Sub-subcontractors thereof.

5. CONTRACT DOCUMENTS INFORMATION

- A. The Contract Documents are prepared in accordance with available information as to existing conditions and locations. If, during construction, conditions are revealed at variance with the Contract Documents, notify the Construction Manager immediately, but no more than three (3) days from the day the variance is first known. Failure to give timely notice shall operate to waive any claim Contractor might otherwise have for an adjustment to Contract Time or Sum as a consequence of such variance.
- B. The Specifications determine the kinds and methods of installation of the various materials, the Drawings establish the quantities, dimensions and details of materials, the schedules on the Drawings give the location, type and extent of the materials.
- C. Dimensions given on the Drawings govern scale measurements and large scale drawings govern small scale drawings, except as to anything omitted unless such omission is expressly noted on the large scale drawings.
- D. The techniques or methods of specifying to record requirements varies throughout text, and may include "prescriptive", "open generic/descriptive", "compliance with standards", "performance", "proprietary", or a combination of these. The methods used for specifying one unit of work has no bearing on requirements for another unit of work.
- E. Whenever a material, article or piece of equipment is referred to in the singular number in the Contract Documents, it shall be the same as referring to it in the plural. As many such materials, articles or pieces of equipment shall be provided as are required to complete the Work.
- F. Whenever a material, article or piece of equipment is specified by reference to a governmental, trade association of similar standard, it shall comply with the requirements of the latest publication thereof and amendments thereto in effect on the bid date.
- G. In addition to the requirements of the Contract Documents, Contractor's work shall also comply with applicable standards of the construction industry and those industry standards are made a part of Contract Documents by reference, as if copied directly into Contract Documents, or as if published copies were bound herein.
- H. Where compliance with two (2) or more industry standards, contract requirements, or sets of requirements is specified, and overlapping of those different standards or requirements establishes different or conflicting minimums or levels of quality, then the most stringent requirements, which are generally recognized to be also the most costly, is intended and will be enforced, unless specifically detailed language written into the Contract Documents clearly indicates that a less stringent requirement is to be fulfilled. Refer apparently equal but different requirements, and uncertainties as to which level of quality is more stringent, to Architect for decision before proceeding.
- I. Reference standards referenced directly in Contract Documents or by governing regulations have precedence over non-reference standards which are recognized in industry for applicability of work.

**ADDENDUM NO. 1**

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- J. Contractor's bid is based on the complete set of Contract Documents including documents not specifically issued as part of the bid pack but referenced in same.

6. SCOPE OF WORK/GENERAL INFORMATION

- A. A Scope of Work for each contract to be awarded on the project follows in this section. When a Contract has been awarded to a Contractor, the successful Contractor will be listed after the title of the Contract. When no Contract has yet been awarded, no Contractor's name will be listed. Previous Scopes of Work include addendum changes.
- B. Contractor is responsible for performing the work listed in the Summary of Work for his contract. Contractor is also responsible for knowing the work that has been assigned to preceding contracts. No additional compensation or extension of time will be allowed a Contractor due to his ignorance of the work assigned to his Contract or to other contracts which may affect his work. The Contractor is responsible, however, for all items which are covered in the Specifications and Drawings relating to their Contract if not specifically mentioned in the Summary of Work.
- C. The Construction Manager will provide on-site a source for temporary electric, temporary water and portable sanitation facilities only. It is each Contractor's responsibility to make the necessary connections, including all material for temporary electric and water. Please note that utility charges for office trailers will be the responsibility of the individual Contractors.
- D. A dumpster will be provided on site for free use by Contractors to dispose of non-hazardous, common, work-related refuse. Clean-up is the responsibility of each Contractor. Clean up shall be performed on a daily basis. Contractors not complying will be advised in writing and back charged for all costs associated with the cleanup of their work.
- E. Contractors are reminded that there are limited storage areas available on site. Off-site storage will be the responsibility of each individual Contractor.
- F. Office trailer permits off site will be the responsibility of each individual Contractor. On site Contractor's field offices, one (1) per Contractor, if required, will be located as directed by the Construction Manager.
- G. Contractor will be prepared to discuss and submit a detailed project schedule seven (7) days after receipt of Notice to Proceed and to begin its submittal process. The Project Schedule is an integral part of this contract. Certain construction sequences and priorities must take place in order to meet the target dates. Concentrated work periods will occur and each Contractor is responsible to staff the project as required by the current Construction Schedule or as directed by the Construction Manager. Contractor will co operate with the Construction Manager in planning and meeting the required sequences of work and Project Schedule as periodically updated by the Construction Manager.
- H. All bids must include insurance limits in accordance with Article 11 of the Section 007300 SUPPLEMENTARY CONDITIONS.

**ADDENDUM NO. 1**

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- I. Hoisting, scaffolding and material handling is the responsibility of each Contractor, unless otherwise noted.
- J. Contractor will be responsible for layout of its own work. The Construction Manager will provide benchmark and layout of the building line.
- K. Contractor will be responsible to keep clean public roadways soiled by construction traffic on a daily basis. If cleaning is not done, the Construction Manager may perform the cleaning on an overtime basis and backcharge the Contractor responsible.
- L. Contractor Scopes of Work and Schedule are interrelated. Familiarity with each is required.
- M. The Construction Manager will provide testing services for soil, concrete and steel. Other testing as required by the Contract Documents will be in accordance with the technical specifications and/or the individual scope of work. Refer to Specification Section 004500 - QUALITY CONTROL.
- N. Safety is the responsibility of each individual Contractor. The project will be governed under the guidelines of OSHA.
- O. Inter-Contractor shop drawing distribution will be performed by the Construction Manager. Contractor is individually responsible for either coordinating his work with these distributed drawings or notifying the Construction Manager, in writing, of any discrepancies.
- P. Coordination with other trades will be required. The Contractor will be required to attend periodic coordination meetings with other trades where requirements, conflicts and coordination issues will be discussed and resolved. Attendance when requested will be mandatory. If inter-Contractor coordination is not satisfactorily performed, the conflicting Contractors shall mutually share the cost to relocate and/or reinstall their work.
- Q. Contractor shall submit a schedule of values to the Construction Manager prior to the submission of their first invoice for approval through Building Blok.
- R. Contractor is expected to review and coordinate its Work with the complete set of Contract Documents, including all items noted as by his trade whether or not shown on that particular set of drawings. Documents are available at the site for review.
- S. Contractor is responsible for obtaining all necessary permits required for his work, including street permits. Unless otherwise noted, building permit shall be secured by the Construction Manager. Any subcontractor who will be restricting access to street, right of way or adjacent property must notify the Construction Manager 48 hours in advance.
- T. Contractor's License: Submit a copy of all business licenses required by local and state agencies.
- U. Contractor shall absorb, without additional compensation, any and all costs of working beyond normal hours to maintain job progress in accordance with the current construction schedule.

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- V. No asbestos or PCB's in or on any material or equipment will be accepted or allowed on this project. All hazardous materials will be treated in accordance with all State and Federal regulations.
- W. Daily cleanup of the work is the responsibility of each individual Contractor which includes broom cleaning of their debris as required. Contractor will be individually back charged by the Construction Manager for cleanup not satisfactorily performed by the Contractor.
- X. In the event asbestos is uncovered, the Contractor shall notify the Construction Manager of the areas requiring removal of asbestos. The Construction Manager shall then coordinate the removal with the Owner.
- Y. This project is to be constructed adjacent to existing buildings. Contractor shall exercise all due precautions to minimize noise, air pollution and any other construction hazards which in any way would cause discomfort or danger to the occupants of the existing building in the area.
- Z. The Safety Cable System shall not be altered or removed without a written request submitted to the Project Manager with a copy to the Field Manager. It shall be the responsibility of each and every Contractor that is removing or altering the Safety Cable System to maintain the fall protection safety provided by the safety cable and not leave the area unprotected. Each and every Contractor shall be responsible to re-install the Safety Cable System immediately after work is completed. Each and every Contractor shall be responsible to re-install the Safety Cable System in accordance to OSHA standards.
- AA. Normal work hours for this project are from 7:00 a.m. to 3:30 p.m. Any work to be performed outside of these hours must receive prior approval from the Construction Manager. Requests to work beyond normal work hours shall be submitted at least 48 hours prior.
- AB. Contractor is responsible for having a competent project superintendent/foreman on-site during all work performed under its contract.
- AC. In the event the Contractor has non-English speaking employees or subcontractors on the project, they shall have a superintendent or foreman on site, at all times, who speaks English and can communicate with Contractor's employees. Should the Contractor fail to meet this requirement, at any time, Construction Manager may direct all Work to stop until the proper supervision is on site. The Contractor will be responsible for maintaining the project work schedule and make up at its own expense, any delay to the Schedule resulting from the work stoppage.
- AD. Punch List Procedures: Contractor shall be given a copy of the punch list with his appropriate work identified. Contractor shall have nine (9) calendar work days to complete its punch list work. On the 10th day or as determined by the Construction Manager, the Construction Manager shall employ other contractors, as required, to complete any incomplete punch list work and retain from the appropriate Contractors retainage all costs incurred.

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- AE. Contractor shall provide the necessary safety barricades and railings required to complete their work and comply with all OSHA, local code and contract specifications.
- AF. Prohibition of Using Photographs on EDiS Projects: The Contractor and all associated subcontractors agrees to not issue any news release or advertising pertaining to the Work or the Project, including references to the Project on the Contractor's/subcontractor website or other social media outlets, without obtaining EDiS' prior written approval, in each instance. The Contractor, for itself, its employees, vendors and subcontractors, agrees to not use the name of the Owner, the Project, EDiS or any photographs, videos, or other images of the Project in connection with any of Contractor's business promotion activities, advertising, website, social media outlets, or operations, without EDiS' prior written approval in each instance.
- AG. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
- AH. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license. The cost of this license is \$1,500 and shall be included in your base bid proposal.
- AI. All contractors must provide a silica exposure plan that meets or exceeds the new 2017silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
- AJ. All contractors shall be responsible to protect all non-metallic piping within the building envelope from overspray of the Applied Fireproofing, intumescent coatings, fire caulking and fire safing as it pertains to the scope of your course of work. The contractor shall be familiar with and comply with the NFPA regulations, including but not limited to the following 6.3.7.5 Firestopping materials intended for use on nonmetallic piping penetrations shall be investigated for compatibility with the nonmetallic pipe materials. 6.3.7.5 Protection plan shall be submitted and reviewed with the CM prior to implementation.
- AK. For all contracts which include allocations for CO OP hours with NCCVT students, any unutilized CO OP hours shall be returned to the district at the rates published in the documents, as a credit change order.



CONTRACT NO. E-01: DEMOLITION AND REMOVAL

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

|                |                                                    |
|----------------|----------------------------------------------------|
| Division 0     | Procurement and Contract Requirements              |
| Division 1     | General Requirements                               |
| Division 02    | Existing Conditions                                |
| Section 024116 | Structure Demolition                               |
| Section 312000 | Earth Moving                                       |
| Section 312300 | Excavation & Backfill for Pipelines and Structures |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all labor, material, trucking, equipment, dumpsters/disposal, hoisting, power, temporary facilities, permit fees, supervision, layout, maintenance of traffic/traffic control, clean up, etc. for the complete performance of all demolition work as included within the scope and specifications. **This contract is responsible for the complete Demolition and Removal of the existing Hodgson HS and all demolition notes and Attachments that relate to this scope of work. (Addendum No. 1)** Coordination of onsite utilities and disconnecting/capping of water, irrigation, electric and other identified utilities is the responsibility of this contractor.
2. **This Contractor MUST attend the Mandatory Pre-Bid meeting as identified in Section 001116 Invitation to Bid. Attendance at this meeting is a prerequisite for bidding on this contract. (Addendum No. 1)**
3. **Note:** Included in the contract documents for this project are the drawings of the existing HS for your reference.
4. **Included in Addendum #1 is an Attachment "D" which identifies the Phase I and Phase II areas of the building demolition. Phase I is the gym and greenhouse areas and will be available to begin demolition after the section is fully abated and cleared. (see bidding schedule) This contractor shall include the mobilization costs (complete) for performing the Phase I demolition and then returning to the project one the Phase II work is available. (Addendum No. 1)**
5. **This contractor is responsible to remove or demolish any equipment, furnishings, cabinets, lockers, etc. that is physically attached to the building. Additionally, where items that were attached to the building and had to be removed by the abatement contractor to abate adjacent materials (example Lockers, removed to abate floor tile under the lockers) are to be removed/demolished by this contractor (Contract E-01) (Addendum No. 1)**
6. This contractor shall be responsible to communicate and coordinate with the CM and the asbestos abatement contractor as it relates to demolishing portions of the structure that have been abated. At no time shall this contractor perform any demolition until they receive confirmation from the CM that the building section is free and clear of all asbestos materials.

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7. This contractor shall include within their base bid (2) separate mobilizations with the intent that we may need to complete demolition of the building in phased Sections (after abated) while the other portion is being abated. Figure this phasing as part of your base bid.
8. This contractor shall vacate and remove as per all federal, state and local regulations all oils, hydraulic fluids, glycol, gasoline, diesel fuel etc. that is located within the areas of demolition provided for in your contract/scope.
9. Demolition of the existing elevator is part of this contract's scope and includes removal of all elevator equipment, fluids, oils etc. as required by federal, state and local regulations.
10. This contractor shall supply all power and water required to perform the scope of their contract work .  
Including water supply for dust control while performing your scope of work.
11. The contractor shall fully acquaint and familiarize himself with the conditions as they exist and the character of the operations to be carried out under the proposed Contract and make such investigation as he may see fit so that he shall fully understand the facilities, physical conditions and restrictions affecting the work under the Contract. Claims for additional compensation and/or extensions of time because of Contractor's failure to familiarize himself with all conditions which might affect the work shall not be allowed.
12. Contractor shall familiarize their teams with the location/proximity of the existing turf practice field. Include protective measures to insure the field is not impacted or damaged during the course of your work on site. (this field will be utilized by the school for practices during the fall of 2026)
13. Work related to Phase 2 of the overall project (Addendum No. 1) areas are included in this contract scope.
14. Demolish all structures, buildings and their appertains construction to a below grade and remove all foundations. Fill in all depressions to a level that allows for positive drainage from all areas of the building pad to the existing storm outlets. Fill must be clean compactable fill or select material. Coordinate with other contractors on site during filling/grading segments of your work. Included in this scope is the removal of all underground piping, wiring, tanks and underground installations within your demolition areas.
15. Contractor is responsible for having a competent supervisor on site during all work performed under this contract. This supervisor will have daily contact with the EDis Field Manager and file all required daily reports.
16. All foundation walls, areaway walls, vault walls, shop walls, yard walls shall be demolished and completely removed. Depressions to be filled with suitable filler subgrade material, compacted to 95 percent of ASTM D698 and sloped to drain.
17. Before ANY excavation work is to commence, the Contractor/Excavator shall contact the utility companies or utility owners and advise them of the proposed work and ask them to mark the location of the underground utility installations. This notification shall be done within established or customary

**ADDENDUM NO. 1**

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local response times. If the work is on private property and the utility company will not mark out the utilities, the Contractor/Excavator will hire a private locating service to mark the utilities. Once the utilities are located and marked, the Contractor/Excavator will excavate by hand or use a vacuum truck to expose the utilities and record the exact location and elevation of the utilities. The Contractor/Excavator must submit the Excavation Permit to EDis Company verifying their assurance of communication with the utility companies or utility owners. The Contractor/Excavator must follow State, Local, and Federal Guidelines prior to proceeding with excavations. The Contractor/Excavator will have these marks restored as long as there is work to perform.

18. Salvage and store on-site all materials indicated to be saved by contract documents. Materials can be removed from site for cleaning and returned to site at the contractor's expense. All salvaged materials are to be properly palletized and protected prior to being stored at the location directed by the construction manager.
19. Coordinate with the owners (NCCVT) maintenance team on items to be salvaged and utilized by the district. (if they are to be salvaged, they will be marked in the field with a tag/marker that identifies what happens to each item.)
20. Remove from site all combustible material including, but not limited to wood, steel, iron, structural steel, and dispose of it in a legal manner. No on-site burning of material will be allowed at any time.
21. Remove from site concrete slabs on grade, hot mix paving, retaining walls (concrete and masonry) in a legal manner.
22. Items of demolition shall include, but not necessarily be limited to, complete structures, foundations, below grade footings, concrete duct banks, MEP utilities, equipment, furnishings and general debris within the areas defined to be demolished.
23. This Contractor shall notify the Construction Manager immediately if hazardous materials (i.e. asbestos, lead, PCB's, etc.) are uncovered. At that time, all work in the affected area will be stopped until proper removal can be completed by others (i.e. hazardous material abatement contractor).
24. This contractor is to remove all fluids and refrigerants from existing mechanical, plumbing, fire protection piping, and electrical equipment and lighting prior to demolition of said equipment in accordance with all Local, State and Federal regulations. Include testing for PCB's and the final regulated removal of fixtures, bulbs equipment etc.
25. The owner and CM will not provide any dumpsters or trash removal for this contract, all dumpster required for your work to be provided by this contract.
26. Temporary maintenance standby labor such as for temporary water, temporary power, temporary light and the like where required due to this Contractor's work is to be included within the Contract Price.
27. If your work impacts the local streets or roadways with debris, soil, dirt etc. you will clean immediately with proper paving cleaning equipment. (Sweeper truck with water)
28. This Contractor shall include in the Contract Price and unit prices, the cost of all police traffic details required for the execution of the work.

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29. All light, power, water, gas and any other utilities, including special provisions for hookups to same for this Contractor's operations will be provided by this Contractor within the Contract Price.
30. This Contractor shall comply with all Federal, State and local laws requiring noise control and hours which work is to be conducted. Mufflers, "whisperized" compressors, etc., shall be used as required for compliance with laws and ordinances throughout the course of the Work.
31. It is understood that all Work under this Contract shall be in strict accordance with the Building Code with the City, State and any other agency having jurisdiction. In the event of any conflict in any provisions of any regulatory agency and Contract Documents, the more stringent requirements shall apply.
32. This Contractor shall provide any and all "fire watch" personnel required due to the Contractor's cutting, burning, welding or other open flame activity.
33. This Contractor shall submit proposed methods and operations of building demolition to the Owner and CM for review prior to the start of work, including a schedule of coordinating the shut off, capping and/or continuation of utility services as required. Pre-Install meeting with EDiS required before demolition may occur.
34. Before proceeding with the demolition work, this Contractor shall obtain a permit from the City, County, or Authority Having Jurisdiction, protect all public sidewalks, streets or thoroughfares and all property adjacent to the site as required by such codes, ordinances, rules and regulations, including, but not limited to, scaffolding, sidewalk bridges, fences, barricades, aprons, warning signs and lights.
35. This Contractor shall maintain all required means of egress into and out of the project site, no roadways shall be blocked or deemed inaccessible.
36. Before demolition work is started, existing sewer, water, gas and other service lines to the existing buildings shall be located, identified and shut off, disconnected and capped or plugged in accordance with the requirements of the utility companies or other authorities having jurisdiction. If required to disconnect and cap at the "source" is required by the governing utility company, this contractor will be responsible for the work/cost. This Contractor shall notify all such authorities in advance and obtain their approval and co operation in shutting off utilities. All costs associated with disconnecting utilities shall be borne by this Contractor.
37. This Contractor shall take special precautions to shore, brace, support or relocate any utility lines as may be required to satisfy all agencies having jurisdiction.
38. This Contractor shall, in cooperation with utility companies, remove or cause to be removed all light and power poles if required to be removed, at such time as the services utilizing said poles are no longer required.
39. Street openings made for the shutting off or tapping of utility lines or for any other purpose shall be backfilled, tamped and the surfaces restored in accordance with the requirement of applicable local codes or to match existing; whichever is greater.

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40. Existing services to remain will be defined by the Owner prior to or immediately after the start of demolition work. Owner to work with this contractor to relocate identified equipment/ items per drawing notes.
41. This Contractor shall make a careful examination of the structures to be demolished and the adjoining property and utilities which are to remain; take whatever precautions are necessary and carry on operations to prevent personal injury and any settlement, collapse, damage from falling debris or other causes to adjacent building.
42. This Contractor is aware of the structural capacities of various portions of the structure. Cranes, materials, deliveries and material storage, shall not exceed rated capacities without this Contractor taking appropriate steps to compensate for the imposition of loads which may exceed the design criteria and which are imposed solely by this Contractor's operations.
43. Any damage to public property, private property, or to utilities due to demolition operations, or the Contractor's neglect, shall be corrected by this Contractor, in a manner approved by the Owner and the parties whose property has been damaged, all at no additional cost to the Owner.
44. Miscellaneous equipment and furnishings belonging to the Owner, if to be retained by the Owner, will be removed before the commencement of the demolition work. All other equipment or furnishings attached, remaining, in the buildings at the start of the demolition work shall become the property of this Contractor and shall be removed and disposed of by this Contractor. This includes equipment, furnishings, small wares and general debris that remains after the owner turns the building over to this contractor.
45. All equipment, materials and debris shall be regularly removed by this Contractor from the Site as work progresses in such manner as not to create a nuisance and shall be disposed of by this Contractor at his own expense, at locations to be determined by this Contractor. Permits required in connection with the disposal of the materials shall be obtained by this Contractor. Disposal shall be in accordance with all Federal, State and local laws, rules, codes, orders and regulations.
46. Contractor shall remove debris promptly and will not burn anything on the site. Contractor shall keep required fire extinguishing equipment in serviceable condition, properly distributed so that it will be available for immediate use, particularly during any acetylene cutting operations.
47. This Contractor shall, prior to the start of Work, provide the name and location of proposed dump site to receive the demolition debris. Dump site must be licensed and acceptable to all local government agencies having jurisdiction.
48. This Contractor shall provide signed and stamped dump site debris tickets identifying the location, date, time, and quantity of debris deposited at the dump site.
49. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials daily. EDiS will not be responsible for any lost tools, materials, or equipment.
50. Note: The existing school and all associated activities will be ongoing as your work is performed, caution shall be utilized by your crews at all times. The main entrance to the new school will be your access, extreme caution must be utilized, including limited access between the hours of 7:00 AM and 8:30 AM

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and from 2:45 PM to 3:15 PM

51. This Contractor shall provide any and all "fire watch" personnel required due to the Contractor's cutting, burning, welding or other open flame activity.
52. This Contractor shall submit proposed methods and operations of building demolition to the Owner, his representative or agents for review prior to the start of work, including a schedule of coordinating the shut off, capping and/or continuation of utility services as required.
53. This Contractor shall visit the site of the proposed work, fully acquaint and familiarize himself with the conditions as they exist and the character of the operations to be carried out under the proposed Contract, and make such investigation as he may see fit so that he shall fully understand the facilities, physical conditions and restrictions affecting the work under the Contract. Claims for additional compensation and/or extensions of time because of Contractor's failure to familiarize himself with all conditions which might affect the work shall not be allowed.
54. Contractor shall remove debris promptly and will not burn anything on the site. Contractor shall keep required fire extinguishing equipment in serviceable condition, properly distributed so that it will be available for immediate use, particularly during any acetylene cutting operations. This Contractor shall afford adequate facilities for inspection by, and carry out the recommendations of, the local Fire Department. This Contractor shall maintain one fire riser during demolition.
55. Provide a \$75,000 allowance, included in base bid, to be utilized for work directed by the CM and Owner. All unused allowance shall be returned to the owner.

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CONTRACT NO. E-02: SITEWORK & UTILITIES

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

|                |                                                                 |
|----------------|-----------------------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                               |
| Division 1     | General Requirements                                            |
| Section 024100 | Site Demolition                                                 |
| Section 033000 | Cast in Place Concrete                                          |
| Section 116833 | Baseball/ <b>Dugout</b> Field Equipment <b>(Addendum No. 1)</b> |
| Section 116834 | Athletic Field Equipment                                        |
| Section 220500 | Common Work Results for Plumbing                                |
| Section 221113 | Facility Water Distribution Piping                              |
| Section 312000 | Earth Moving                                                    |
| Section 312300 | Excavation & Backfill for Pipelines and Structure               |
| Section 321216 | Asphalt Paving                                                  |
| Section 321313 | Concrete Paving                                                 |
| Section 321800 | Synthetic Turf Shock Pad                                        |
| Section 321813 | Synthetic Turf Carpet                                           |
| Section 321814 | Subgrade and Stone Aggregate Drainage Layer                     |
| Section 321824 | Running Track Surfacing                                         |
| Section 323113 | Chain Link Fences and Gates                                     |
| Section 328000 | Site Irrigation                                                 |
| Section 334100 | Storm Utility Drainage Piping                                   |
| Section 329200 | Grass Athletic Field Construction                               |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide sitework, storm, sanitary and water utilities, concrete and asphalt paving, striping, curbs, walks, signage, exterior concrete steps and ramps, sod and topsoil/seeding. This Contractor shall include in the Base Bid the cost of remobilization, cleaning and tack coating the asphalt base course in order to install the asphalt top coat.
2. **This contract to include all sidewalks and exterior concrete. The building concrete as shown on the structural drawings is provided by Contract E-03 Concrete and Reinforcing. **(Addendum No. 1)****
3. **This contractor shall provide the excavation, concrete and backfill associated with the entrance sign drawing FA-512 and the external signage at the building patio drawing FA-512. This includes topsoiling and seeding at the areas once completed. **(Addendum No. 1)****
4. Work related to Phase 2 and Phase 2A are to be included in this contract scope. (including attachment drawings)
5. Demolition of the existing HS is not included in this contract. Contract E-01 will perform that work. This contractor is responsible for coordinating with the contractor demolition contractor (E-01) as it



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relates to the scope of your work. **Refer to Attachment "D" for demolition phasing. (Addendum No. 1)**

6. This contract shall remove all curbs, sidewalks, pads, paving, asphalt etc. throughout Phase 2 and 2a excluding work within the existing building footprint. **This includes the concrete sidewalks shown on drawing FA-571 Detail A4 typical for all similar conditions. (Addendum No. 1)**
7. Provide identification and removal of all site utilities, electric, water, sanitary, storm and gas as required by the contract documents and in order to perform your contract scope of work. This scope includes removal of all utilities (electric, water, gas, storm water, sewer) to within 5 feet of the existing building and outbuildings. The demolition contractor then removes the rest.
8. Provide dumpsters as required for the scope of work of your contract. The CM and Owner will not provide any dumpsters for this contract. Waste materials such as asphalt paving, concrete debris, rubble, etc. may not be stored on site for removal later. All debris must be removed from site as it is displaced.
9. This contractor to supply their own source of power and water for the scope of work included in this contract. No power or water will be provided by the Owner or CM
10. This Contractor shall visit the site of the proposed work, fully acquaint and familiarize themselves with the conditions as they exist and the character of the operations to be carried out under the proposed contract and make such investigation as they may see fit so that they shall fully understand the facilities, physical conditions and restrictions affecting the work under the Contract. Claims for additional compensation and/or extensions of time because of Contractor's failure to familiarize themselves with all conditions which might affect the work shall not be allowed.
11. Provide all site survey and layout of this contract work from a licensed surveyor. This work includes, but not limited to, accomplishing cuts and fills, locating utilities, layout of roads and walkways, and establishing site boundaries. Benchmarks and control points will be established by the CM.
12. Furnish and install all site signage. This includes all traffic, pedestrian and School related signage not mounted on buildings, including fire lane curbing paint and/or stripping and signage as required by contract documents and applicable codes.
13. Before ANY excavation work is to commence, the Contractor/Excavator shall contact the utility companies or utility owners and advise them of the proposed work and ask them to mark the location of the underground utility installations. This notification shall be done within established or customary local response times. If the work is on private property and the utility company will not mark out the utilities, the this contractor will hire a private locating service to mark the utilities. The report generated from the sub-surface private locating firm shall be provided to EDiS as a project submission. Once the utilities are located and marked, the Contractor/Excavator will excavate by hand or use a vacuum truck to expose the utilities and record the exact location and elevation of the utilities. The Contractor/Excavator must submit the Excavation Permit to EDiS Company verifying their assurance of communication with the utility companies or utility owners. The Contractor/Excavator must follow State, Local, and Federal Guidelines prior to proceeding with excavations. The Contractor/Excavator will have these marks restored as long as there is work to perform. Once the Contractor has installed new utilities, they will provide to EDiS Company an as-built drawing, within 7 days, showing the exact



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location and elevation of the utilities. The installing Contractor will be responsible for locating and marking these utilities for other contractors that may have work in the same area.

14. Provide all required water service piping and final connection indicated in Phase 2 and 2A.
15. This contract shall provide a complete irrigation system as identified on the contract documents and specifications. **Water to be provided by the well systems currently installed at each system location. (Addendum No. 1)**
16. This contractor shall coordinate with the sprinkler and plumbing contractor to flush all mains into buildings.
17. Provide all sanitary and storm sewer work, including relocation of existing lines, man holes and structures as necessary. Include all required inspections as required by local code authorities. Include all permits necessary for your work. This contractor to include a full camera/video for all sanitary and storm lines/structures for submission and review by the CM, design team and governing authorities. Contractor shall provide imported structural fill material for all new utility trench backfill. Material shall conform to the requirements identified within the contract documents. AASHTO #10 screenings are also an approved material for utility trench backfilling.
18. Provide fire supply piping including fire hydrants and loop. Color code fire hydrants as required by the local jurisdiction based upon water pressure. Provide fire lane striping including painting of adjacent curbs as required by local jurisdiction having authority.
19. Provide site amenities and steel pipe bollards and decorative bollards, bike racks, flagpoles, manual and automatic gates (including associated gate hardware, **coordinate with security and access controls.**) **(Addendum No. 1)** Include excavation and concrete to support these amenities as shown in the project documents and required by manufacturer's instructions. This contractor shall provide "all" bollards at the field house and all outbuildings as well as site bollards.
20. Provide all flag poles, flag poles foundations, anchor bolts, excavation and grading associated with their installation.
21. Provide Baseball field equipment and athletic field equipment as per documents.
22. Provide all permanent fencing (chain link and ornamental) including gates and gate hardware. Provide manual swing arm gates and automatic gates and sliders as indicated in documents.
23. **Furnish and install and maintain a concrete washout station for the work or your contract and all other subcontractors until the completion of the project. (Addendum No. 1)** You are responsible for the maintenance and DNREC upkeep of the washout station whether you are actively working on site or not. Remove this item at conclusion of project and provide the required final site work, seeding, sodding, curbs, etc. indicated on finished drawings. Provide signage to identify concrete wash out areas.
24. Furnish, install, maintain and remove sediment control system including sediment control plan. Maintain sediment control until substantial completion is established by DNREC. Repairs, revisions and adjustments required by the weekly CCR reports is the responsibility of this contractor.

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25. This Contractor shall, in cooperation with utility companies, remove or cause to be removed all light and power poles if required to be removed, at such time as the services utilizing said poles are no longer required. Remove existing utilities and structures (water, storm, sewer, gas, electric etc.) from their source to 5' outside of existing building footprint. Coordinate shut-off with utility companies, cut and cap as required by governing agency. Patch existing manholes where existing utilities are removed, in accordance with DelDOT and NCCo regulations.
26. If required, this Contractor shall relocate power or light poles, fire hydrants, traffic signs or signals and similar utility and public service items in use and shall cooperate with all governmental agencies having jurisdiction over such items so as not to interfere with the services of such governmental agencies.
27. Street openings made for the shutting off or tapping of utility lines or for any other purpose shall be backfilled, tamped and the surfaces restored in accordance with the requirement of applicable local codes or to match existing; whichever is greater.
28. Utility equipment belonging to the utility companies, if to be retained by these companies, will be removed from the site by the company owning the equipment upon notification by this Contractor.
29. Any damage to public property, private property, or to utilities due to demolition operations, or the Contractor's neglect, shall be corrected by this Contractor, in a manner approved by the Owner and the parties whose property has been damaged, all at no additional cost to the Owner.
30. All clearing, grubbing and removal of vegetation, trees, roots and stumps whether indicated on documents or not. A site visit to review existing areas within Phase 2 and Phase 2A prior to bidding is required.
31. Topsoil stripping and stockpiling on site. Respread topsoil from the established topsoil stockpiles and fertilize as specified in the civil drawings. The topsoil must be **triple screened (Addendum No. 1)** to remove all inorganic materials in excess of ¾ inches or import material certified as triple screened. Prior to seeding, this contractor is responsible to have the topsoil tested and to supply and install amenities (fertilizer, lime, etc.) as required by the test report. Provide temporary and permanent stabilization grass seeding at all areas following the completion of construction activities. This contractor is responsible for all weeding, watering, fertilization, and grass cutting to ensure 100% grass growth in the entirety of these areas until permanent certificate of occupancy is approved, including meeting all DNREC approvals and the areas are accepted by the Owner.
32. Contractors should carefully review the soil borings as they relate to the extent of rubble to be removed and other man made obstructions. Saw cutting and removal of sidewalks, curbs, etc. in the performance of work is this Contractor's responsibility.
33. Provide, maintain, and remove stabilized construction entrances (SCE). Furnish and install wash station, labor to wash tires, clean and drain the area as required before vehicles leave the site daily. Clean tires and tracks of all vehicles before leaving the construction site. Wash station will be utilized by other contractors and will be removed only when directed by EDiS. Furnish and install Non-freeze Hose Bib, water line, valve box, drainpipe etc. as required to provide a fully functioning tire wash station for the projects use. Provide (2) 50 heavy duty hoses and one brass nozzle for CM's use.

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34. Protect all existing trees to remain within the limits of construction. Includes all SAP requirements. (sensitive area protection)
35. All tree removal, stump removal and grubbing removal as identified on contract documents is the responsibility of this contractor, complete.
36. Provide a temporary water means for other trades to utilize. Include all costs associated with metering from local utilities as well as valves and hoses for contractors to utilize. The Construction Manager will not provide this service.
37. This contractor shall provide, maintain, refurbish and remove ~~2000~~ 3000 (Addendum No. 1) linear feet of stoned roadway from the Stabilized Construction Entrances, 25'-0" wide. Road shall consist of fabric, 10" of #3 stone for the length of the road and the means to compact it. The location will be determined by construction manager. Include removal of temporary stone road from site upon request from construction manager. This work is in addition to the construction entrance identified on the contract documents.
38. Provide in base bid, the cost to provide, maintain and remove upon construction manager direction, a total of 2 temporary crane pad's: each a 35'x35' (Addendum No. 1) stoned area. Pads shall consist of fabric, 10" of #3 stone for the area of the pad, and the means to compact it. Include removal of temporary stone pads from site upon request from construction manager.
39. Provide in base bid, the cost to provide, maintain and remove upon construction manager direction, a temporary stone parking area that is 150' X 150'. Area shall consist of fabric, 10" of Crushed concrete or crush and run stone for the area of the pad, and the means to compact it. Include removal of temporary stone pads from site upon request from construction manager.
40. Rough grading for area defined on site drawings for building, lawn areas, bituminous roads, parking and walkways. Preparation of subgrade for building slabs, walks, pavements, grass fields, baseball and softball fields Etc.
41. Sitework contractor is to provide rough grading for area defined on site drawings for building, lawn areas, bituminous roads, parking and walkways. Preparation of subgrade for slabs, walks, and pavements. The Sitework Contractor to extend the bulk excavation 10' outside building plan in order to facilitate foundation construction and maintain safety requirements. Written acceptance of the building pad condition will be provided by the concrete contractor before foundation work proceeds. The Concrete Contractor will be responsible for laying out all concrete work as shown on the structural and architectural drawings. Once the Concrete Contractor has accepted this work it will be the responsibility of the Concrete Contractor to maintain and dewater the building pad and all excavations until the concrete work is complete and backfilled. The Concrete Contractor and Sitework Contractor are to coordinate this procedure so that there are no additional costs to the Owner for additional excavation or concrete. Spoils left after backfilling of foundations is complete are to be left outside the building perimeter by the concrete contractor and neatly piled in a single location for each building area. The site contractor will then remove the spoils off site unless directed by the CM to spread on site (Include costs to move off site)
42. Backfilling as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with Del Dot standard specifications.

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43. The use of this on site material shall conform with the compaction requirements as specified and identified in the Geo-Tech reports, civil drawings and specifications. The intent is to utilize the onsite materials to establish grades and construct the building pad. It is the sole responsibility of this contractor to evaluate the soil information provided and determine if the soil will be acceptable to meet the structural fill requirements identified, when excavated and placed at the time of year indicated in the bidders schedule. If sufficient amounts of suitable fill material are not found within the limits of disturbance (LOD) the contractor shall be responsible to purchase, deliver and install off site fill materials to allow the building pad, Stadium, parking areas, driveways and site grades to be achieved. It is this contractor's responsibility to restore all areas disturbed by harvesting operations completely. It is the responsibility of this contractor to understand fully the existing soil conditions and how they can be utilized to achieve grades within the project schedule timeline . The contractor may request permission test/review the soils in the field prior to bidding.
44. This contractor **shall provide off site fill that meet the project specifications, to establish the grades for the field house pad, stadium turf and track areas as well as the bleacher locations. (Addendum No. 1)**
45. All structural soils that are to be stock pile on site shall be covered as the stockpile is being created and them kept covered as needed to insure the integrity of the materials (keep it dry)
46. Provide all concrete curbs, sidewalks, pads and ramps, including bituminous joint filler. All backfilling at concrete curbs, sidewalks, pads and ramps shall be flush with top of concrete. Include all stone bedding as detailed on the contract documents. Curb excavations shall be bedded with 4" of crush and run stone material prior to installation of the concrete curbs.
47. Provide curb cuts, depressions and filter strips as designated.
48. Provide all unloading and material handling for the work of this contract.
49. Provide all concrete bumper blocks at parking areas.
50. Provide all bituminous paving to include but not limited to drive lanes, parking lots, bus parking, paved islands, pathways etc.
51. This contractor to include in the base bid the cost associated with installing the base course on the drive lanes and parking areas prior to the scheduled installation of the top coat. Include remobilization, cleaning, tacking etc. as necessary to prepare utilized base course for final paving top coat.
52. Provide all concrete paving as indicated on the contract documents.
53. Millings may not be used as a substitute for stone base.
54. This Contractor will provide all pavements markings, fire lane signs, and traffic signs.
55. The certified construction reviewer (CCR) will be provided by the Owner. Review controls on a weekly basis and complete repairs to stay complaint with DNREC & CCR requirements.
56. Furnish, install and remove approximately 3000 linear feet of temporary construction fence required.

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The fence shall consist of new 6' high #9 gauge galvanized chain link fence with top rail and bottom tension wire. Provide (2) 12' wide gates. The posts shall be installed in the ground. This fence is required to be in-place for the duration of the project. Maintain this work until Substantial Completion of this project. At the end of the project remove the fence, patch and repair the finished surfaces to a like-new condition. Provide black wind screen material for all areas of the temporary fencing.

57. Proof rolling of limit of excavation prior to fill operations, coordinate all work with the CM and the Geo-Tech engineer assigned.
58. All utilities shall be brought to within +/- 5 feet of the building line by this Contractor. The connection and all utilities from +/- 5 feet and into the building shall be by others. This does not include the storm water line; this contractor shall tie in the storm water to the building.
59. Temporary maintenance standby labor such as for temporary water, temporary power, temporary light and the like where required due to this Contractor's work is to be included within the Contract Price.
60. Provide perimeter protection of all excavated areas until suitably backfilled. Fencing and posts is required; no other method will be acceptable. "Caution" tape is not acceptable protection.
61. ASPHALT CEMENT COST ADJUSTMENT
  - a. Payments to the Contractor shall be adjusted to reflect increase or decreases in the Delaware Posted Asphalt Cement Price when compared to the Project Asphalt Cement Base Price, as defined in these Special Provisions.
  - b. The Delaware Posted Asphalt Cement Price will be issued monthly by the Department and will be the industry price for Asphalt Cement, F.O.B. Philadelphia, Pennsylvania.
  - c. All deviations of the Delaware Posted Asphalt Cement Price from the Project Asphalt Cement Base Price are eligible for cost adjustment. No minimum increases or decreases or corresponding percentages are required to qualify for cost adjustment.
  - d. Actual quantity of asphalt cement qualifying for any Asphalt Cement Cost Adjustment will be computed on the basis of weight tickets and asphalt percentage from the approved job mix formula.
  - e. For Recycled Hot-Mix the asphalt percentage eligible for cost adjustment shall be only the new asphalt cement added to the mix.
  - f. The Asphalt cement cost adjustment will be calculated on grade PG 64-22 asphalt regardless of the actual grade of asphalt used. The Project Asphalt Cement Base Price for the project will be based on the August 1st price posted on DelDOT's website.
  - g. If the Contractor exceeds the authorized allotted completion time, the price of asphalt cement on the last authorized allotted work day, shall be the prices used for cost adjustment. However, if the industry posted price for asphalt cement goes down, the asphalt cement cost shall be adjusted downward accordingly.
62. Provide street cleaning of mud, etc. on a daily basis when actively performing work on the site.
63. Include all costs for temporary barricades, arrows, pedestrian protection, flagmen, etc. required to complete the work.
64. Base bid shall include all standard dewatering measures, utilizing trenches, crocks, stone and portable pumping measures. This contractor to provide these measures as required to perform their work. Well

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pointing if necessary, will be handled as a negotiated cost by the Owner.

65. Furnish and install (5) dewatering crocks within the building pad or stadium areas as directed by construction manager. Dewatering crocks shall consist of 2' diameter, 3' long perforated pipe with a #3 stone base. This contractor shall remove and fill the dewatering crocks when directed by construction manager.
66. This Contractor shall provide and maintain all temporary access roads as detailed in Contract Documents, until completion of project.
67. Provide all plant material and all associated work including, but not limited to, staking, watering, weeding, fertilizing, etc.
68. Planting soil mix in beds and topsoil to be provided by the Sitework Contractor. Provide all additional soil mix required to set plant materials and final grading. (triple screened topsoil is required in all areas)
69. Provide filter fabric, weed, check and mulch at all planting areas.
70. Provide sod at all grass areas surrounding Fieldhouse, ponds and adjacent driveway islands. Include maintenance, care, watering and replacement as necessary up to the owners occupancy and an additional (3) months of this service shall be provided.
71. Provide specified warranties, general two year and all extended warranties.
72. Provide all dewatering of excavations until final acceptance.
73. Provide temporary shoring to support and maintain adjacencies and excavations per OSHA standards.
74. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
75. Provide As-Built Drawings both in electronic format and a hard copy.
76. Provide pricing for alternates as described in Section 012300-Alternates.
77. Provide perimeter stormwater drains at all buildings (including within 5' of the building perimeter). This contractor to provide the final connections. Provide downspout adaptors and cast iron boots, coordinate with roofer for the correct downspout size. Provide splash block where called for.
78. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license. The cost of this license is \$1,500 and shall be included in your base bid proposal.



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**Stadium Field, Running Track, Courtyard Turf Areas, Baseball and Softball Fields, Bleachers Areas.**

79. This contractor shall provide all work associated with the stadium turf field, running track and athletic field equipment. This shall include but not be limited too, all subbase construction, concrete curbs, drainage systems, concrete paving, fencing , gates, sidewalks, shock pad, turf, running track base and surface, athletic equipment and associated work to provide completed system.
80. Provide all practice fields, baseball and softball fields, shot put area, fencing, gates, back stops and all other athletic accessories identified in the contract documents.
81. This contract owns all chain link fencing and ornamental fencing, gates and hardware.
82. This contractor shall coordinate the shop drawings and submittals for the turf field and track. This includes coordinating the specific sports lining for each area with the CM and owner for final review.
83. Provide all concrete foundations, slabs and stones areas as required for the **bleachers and grandstands as well as the mobile bleachers at field areas.** (Addendum No. 1) Including excavation, backfill, concrete, reinforcing clean up and fine grading and sodding of disturbed areas. **This includes asphalt paving under all bleacher areas.** (Addendum No. 1)
84. Provide Synthetic turf, including subbase preparation, subbase completed, shock pad, stone aggregate drainage layer, concrete curbs, and clean up after installation area as directed by the contract documents. This applies to the (include all required soil stabilization at subbase)
85. The Turf Shock Pad shall be delivered and kept sealed until use/installation
86. Provide all unloading and material handling for this work.
87. This contractor shall provide all Bio-Retention areas as indicated on the contract documents complete. Including all planting's, Bio-Media materials, etc. and maintenance of planting as identified. This contractor shall provide the required As-Built for submission to DNREC within 1 week of completion of this work. All ponds shall be sodded where grass areas are indicated.
88. The existing sediment pond shall be filled as per DNREC's approval, include structural fill drainage material compacted to 95% of ASTM D698 to complete this area. Provide topsoil and sod at completion.
89. This contract shall provide the concrete "mow" strip adjacent to the field house perimeter. Detail provided on sheet C-500
90. All sidewalks and paved areas indicated on the contract documents are part of this contractors scope.
91. This contractor shall provide all manual swing arm gates complete as Detail shown on sheet C-501 and located on the contract documents.
92. Provide a \$250,000 allowance soil remediation to be allocated by the Owner/Construction Manager. All unused allowance will be returned to the owner.

93. Provide a \$100,000 allowance for work to be performed at the direction of the Owner/Construction Manager. All unused allowance will be returned to the owner.



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CONTRACT NO. E-03: CONCRETE AND REINFORCING

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

|                |                                                     |
|----------------|-----------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                   |
| Division 1     | General Requirements                                |
| Division 03    | Concrete                                            |
| Section 033000 | Concrete                                            |
| Division 07    | Thermal and Moisture Protection                     |
| Section 071300 | Sheet Waterproofing                                 |
| Section 072100 | Thermal Insulation                                  |
| Section 072600 | Under-Slab Vapor Barrier                            |
| Section 079100 | Preformed Joint Sealants                            |
| Section 079200 | Joint Sealants                                      |
| Section 312000 | Earth Moving                                        |
| Section 312300 | Excavation and Backfill for Pipeline and Structures |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide concrete footings, foundations, foundation walls, piers, wall footings, grade beams, slabs on grade, slabs on deck, structural pads, equipment pads, dumpster pads etc. and all excavation, backfill, stone subbase, forms, and reinforcing required. Note: the following buildings are included in this scope of work, Field House, E1, E2, E3, E4, E5, E6, E7, E6S and E7S. (review Alternate section as it applies)
2. This Contractor will be responsible for laying out all concrete work as shown on the structural and architectural drawings and certifying the layout. Provide certification in writing to CM for their records.
3. This Contractor to furnish and install reinforcing steel, admixtures, curing compound, sealers, accessories, bolsters, ties and braces as required in the Contract Documents and for the performance of the work of this contract.
4. Provide Preformed Joint Seal systems and all Joint Sealants related to work of your contract.
5. This contractor shall provide installation of sleeves required for MEP lines, under footings, below frost walls, under thickened slabs, etc. This includes all excavation and backfill required for these installations. (sleeves will be supplied by the contractor installing the services in BP-E) Coordinate with Arch and MEP documents for full extent of this work.
6. Provide all door stoops, pads, entrance/exit concrete complete as detailed on the structural and architectural documents. This will be out of sequence work, contractor to include (5) re-mobilization to perform work out of sequence, this shall include premium costs for short load concrete pours, concrete pumps, contractors' equipment costs and misc. small tool expenses. For

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each mobilization the contractor shall communicate in writing to the CM that they are remobilizing and utilizing one of the (5) remobilizations included in their base bid. Until all (5) mobilization as described are completed, no claims for costs related to this work will be accepted.

7. Provide exterior concrete slabs, turndown slabs, equipment foundations and housekeeping pads as shown on the contract documents.(all contract documents) This will be out of sequence work, contractor to include (3) re-mobilization to perform this work out of sequence, this shall include premium costs for short load concrete pours, concrete pumps, contractors' equipment costs and misc. small tool expenses. For each mobilization the contractor shall communicate in writing to the CM that they are remobilizing and utilizing one of the (3) remobilizations included in their base bid. Until all (3) mobilization as described are completed, no claims for costs related to this work will be accepted. **The exterior concrete slabs are indicated as structural on the drawings and are provided by this contractor. The Site contractor would own the standard sidewalks which are indicated as "civil" on the drawing notes. Provide the exterior slab as shown on FA-541 Detail A1 typical at all similar conditions. (Addendum No. 1)**
8. Provide thickened slab footings at all interior CMU walls as shown on the structural and architectural drawings including all notes and the contract specifications. This contractor owns the coordination and verification of all thickened slabs, haunches etc. whether identified on structural or architectural documents, including the contract specifications.
9. Underslab vapor barrier, insulation, reglets, waterstops, control and construction joints (including required caulking at control and construction joints).
10. Provide foundation wall insulation and insulation under slabs. Include backfill of all foundation walls as detailed. Stone under slab to be provided by this contractor. Include at no additional cost re-dressing the stone after the MEP contractors have installed their UG work.
11. Placement of related items furnished under other Specification Sections.
12. Anchor bolts and leveling plates to be installed by this Contractor and furnished by the Structural Steel contractor. Installation within required tolerances. Anchor bolt assemblies to be placed with templates only. This contractor shall include grouting of the leveling plates.
13. Contractor shall supply signed/sealed engineered drawing as-builts to steel the erector for coordination prior to steel placement. This engineered sheet shall be reviewed by the CM, Steel contractor and this contractor at a site meeting in person before acceptance by all parties. Steel erector must sign off that the placements are accurate and accepted. If there are discrepancies; ownership of the error, corrective actions and costs of the repairs shall be identified and assigned to the responsible contractor.
14. All blockouts and embedments required by plans and specifications.
15. This Contractor is responsible for grouting all structural steel base or leveling plates.
16. Include all weather, frost protection, and water pumping as required. This Contractor is also responsible for the premiums required for hot water, heated aggregate and admixtures for cold weather concrete.

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17. Coordinate the "Notch" in the concrete slabs to allow for a future Contractor to easily install expansion joint details.
18. Provide dewatering after acceptance from Sitework Contractor until re-acceptance by the Sitework Contractor.
19. The sitework contractor is to provide a flat, compacted surface at subgrade prior to the start of foundation layout and installation. This contractor shall furnish, install and maintain the stone underslab for the SOG area and structural pads. Written acceptance of the building pad condition will be provided by the concrete contractor before foundation work proceeds. Once the Concrete Contractor has accepted this work it will be the responsibility of the Concrete Contractor to maintain and dewater the building pad and all excavations until the concrete work is complete and backfilled. The Concrete contractor is to provide access to foundation excavations for the Masonry contractor. Concrete contractors own dewatering during masonry and waterproofing work and backfill after foundation masonry work is complete. Spoils left after backfilling of foundations is complete are to be left outside the building perimeter by the concrete contractor in pre-determined stockpile location in accessible areas. The material will then be gathered by the sitework contractor and spread on site. Concrete Contractor will also be responsible for additional excavation and backfilling within the building as may be required to accommodate the sloped floors, varying slab thicknesses, depressed slabs and grade changes. Close coordination with the Sitework, Masonry, Mechanical and Electrical Contractors is required.
20. This contractor shall re-grade the stone slab areas to prepare for the vapor barrier installation after "all" other contractors have installed their UG work. This includes but is not limited to UG work associated with MEP trades.
21. This contractor shall provide all de-watering measures as required to perform the work of their contract. Refer to Geo-Tech reports for estimated ground water depths and prepare your bid accordingly.
22. Additionally, over and above de-watering for your course of work, provide (2) 2'x2' crocks, stone infill and sloping of graded area to allow for general de-watering as directed by CM. Areas of use to be coordinated with Superintendent on site.
23. This contractor shall provide all excavation to depths and areas required to allow proper forming, pouring and stripping of all concrete work identified on the contract documents. (All contract documents, not just Structural's)
24. Provide and maintain perimeter fall protection at excavated area per OSHA standards. Orange barrier fencing shall be utilized, no caution tape will be allowed.
25. Provide certified anchor bolt verification drawings to the Construction Manager for review prior to steel erection.
26. Asphalt concrete paving and Portland cement concrete paving, sidewalks and curbs shall be provided by others.

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27. All concrete testing will be completed by the Construction Manager; however, it will be the responsibility of this Contractor to furnish all samples.
28. Provide off site disposal of all unsuitable excavated materials.
29. Construction Manager to ensure that FF/FL compliance is verified by an independent testing agency within 48 hours of completion of pour, per ACI (Section 8.15.4). A report must be provided to the concrete contractor within 72 hours of pour per ACI to allow corrective action.
30. Provide specified sloping for floor drains/trenches as detailed (Drains to be furnished by Mechanical Contractor.) This contractor to communicate and review drain sloping with CM before each pour.
31. This Contractor shall include the finishing of concrete slabs around all stub ups, conduits, drains etc. as indicate on project documents. The items will consist of electrical boxes, stubbed conduits, mechanical piping and electrical and technology conduit stubs, etc. Include finishing around (30) un-identified items within your base bid.
32. This Contractor shall also include all work included in finishing the concrete floors to a minimum of (25) floor drains and or trench drains. Include all sloping and beveling to create a positive flow to the drains. Sloping to be reviewed with the CM prior to each pour.
33. This Contractor shall provide written documentation that all concrete slabs are within the tolerance required by the contract documents.
34. There shall be no minimum number of square feet required or mandated by the contractor for S.O.G pours.
35. Provide all foundation and below slab waterproofing. Provide waterproofing at blind side of concrete footings and all foundations. (sheet waterproofing and protection board included) Include all testing as specified. This contractor shall provide de-watering of the areas to receive waterproofing as well as cleaning and drying of the surfaces prior to application.
36. This contractor owns coordinating all slab depressions identified on the documents with the products, flooring, insulation etc. shop drawings and layout drawings for each material that will be installed in the recess. A pre-install meeting will be held to review this information before each depressed pour.
37. Provide Column diamond protection after floor pours are completed at all recessed columns to meet OSHA Requirements. 1926.502(i)(2) All other covers shall be capable of supporting, without failure, at least twice the weight of employees, equipment, and materials that may be imposed on the cover at any one time.
38. Provide all means of transporting concrete including, but not limited to: pump trucks, cranes, ramps, chutes, buggies.
39. Provide at least 48 hours' notice prior to any delivery. All deliveries are to be between 7:00 AM and 3:30 PM.

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40. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. NCCVT and EDiS will not be responsible for any lost tools, materials or equipment.
41. This contractor must provide a silica exposure plan that meets or exceeds the silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
42. Provide daily fine cleanup of the work is the responsibility of each individual Contractor which includes broom cleaning of their debris as required. Daily Fine clean up, on a daily basis, shall be defined as those means/methods utilized to perform the daily cleaning tasks without producing dust, noise and stacking of stored materials. Furnish fine clean up on a daily basis. All debris must be removed from the work area at the end of each workday to the appropriate dumpster. Cleaning of roadways shall be included and performed daily while this contractor is on site performing work of this contract.
43. Provide generators and other means for temporary services for the completion of your work.(CM/Owner will not provide temporary power)
44. All materials excavated for installation of footings and foundations shall immediately be protected with appropriate moisture protection. This Contractor owns protecting excavated backfill material from exposure to wet conditions.
45. Provide pricing for alternates as described in Section 012300-Alternates.
46. This contractor shall include an allowance amount of \$30,000 within the base bid for work to be identified by NCCVT and the CM. All unused portions of this allowance to be returned to the owner.

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CONTRACT NO. E-04: STRUCTURAL STEEL, JOISTS, DECK AND MISC. METALS

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

|                |                                   |
|----------------|-----------------------------------|
| Division 0     | Bidding and Contract Requirements |
| Division 1     | General Requirements              |
| Division 05    | Metals                            |
| Section 051200 | Structural Steel                  |
| Section 052100 | Steel Joist                       |
| Section 053100 | Steel Deck                        |
| Section 055000 | Metal Fabrications                |
| Section 055133 | Metal Ladders                     |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide structural steel, joists and metal floor and roof decking.
2. Provide all miscellaneous steel as required by the contract documents including but not limited to gauged steel support angles, metal stairs, metal ladders, lintels, etc. Loose lintels will be delivered only, all other Misc. Metals items and gauged angles will be furnished and installed. Note: the following buildings are included in this scope of work, Field House, E1, E2, E3, E4, E5, E6, E7, E6S and E7S. (review Alternate section as it applies)
3. All lintels for CMU and Brick walls will be steel; no concrete lintels will be utilized.
4. Furnish Misc. Anchor bolts and plates as required for the bleacher system installation.
5. Furnish anchor bolts and leveling plates to the Concrete Contractor for placement in concrete piers.
6. Furnish Cable protection and flags as required during and after erection of steel. (flags must be installed as cable is installed) Provide warning lines with flags for swing radius and work areas (include Signage)
7. Field check all anchor bolts prior to beginning erection and sign the anchor bolt survey drawing provided by the concrete contractor.
8. Roof sump pans and related work, including supporting steel frames, braces, brackets etc. related to roof drains. (as indicated)
9. Framing out for openings (roof drains, mechanical openings, access hatches, etc.). Assume opening frames will be field installed. This contractor shall provide "all" floor opening and roof deck opening frames, angles, reinforcing, clips, welding etc. as indicated on the contract documents.
10. Prime paint systems, galvanizing, and related finishing of steel items, including touch up. Provide

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11. Furnish, install, maintain and remove perimeter safety steel cables at roof level to conform with all OSHA standards for all trades. Install flagging on cabling at time of installation.
12. The Steel Contractor will own all connections to masonry whether they are field welds or shop welds. Conditions that require in field welding and assembly are the responsibility of this Contractor. Field coordination with the masonry installer will be this Contractor's responsibility.
13. All steel testing will be the responsibility of the Construction Manager; however, this Contractor will co operate with the testing agency in the inspection at the fabrication shop and in the field.
14. Layout, installation and alignment of attachments at the slab edge condition.
15. No electrical power for this contractor's equipment or welders will be provided. Electrical power to be provided as needed by this contractor.
16. Provide data and submittal information related to the Scope of this Contract signed and sealed by a Professional Engineer as required by the Contract Documents.
17. This Contractor shall fabricate, weld and install all reinforcing anchors that connect the structural steel to the masonry systems. Provide all shop fabrication, field installation and field welding regardless of the weld symbols.
18. This Contractor shall include all necessary staging, rigging, matting and remobilizations to accommodate this erection sequence. Sequencing of work will need to be coordinated with CM and other trades.
19. Remove, modify, and replace the plywood covers installed by the concrete contractor at all Diamonds during the erection of steel, as required to meet OSHA requirements.
20. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
21. This contract shall include in their bid the necessary crews to complete the work as per the project schedule. Provide additional crews as required to maintain schedule at no additional cost to the project.
22. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license. The cost of this license is \$1,500 and shall be included in your base bid proposal.
23. Provide pricing for alternates as described in Section 012300-Alternates.
24. This contractor shall include an allowance of \$20,000 for work to be identified and assigned by the owner/CM. Any unused portions of the allowance will be returned to the owner.



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CONTRACT NO. E-05: UNIT MASONRY

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                  |
|----------------|--------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                |
| Division 1     | General Requirements                             |
| Section 033000 | Concrete (coordination)                          |
| Section 042000 | Unit Masonry                                     |
| Section 044316 | Stone Fabrications                               |
| Section 070553 | Fire and Smoke Assembly Identification           |
| Section 072100 | Thermal Insulation                               |
| Section 072500 | Weather Barriers                                 |
| Section 072640 | Sprayed Polyurethane Foam Insulating Air Barrier |
| Section 076200 | Sheet Metal Flashing and Trim                    |
| Section 078400 | Firestopping                                     |
| Section 079100 | Preformed Joint Sealers                          |
| Section 007900 | Joint Sealers                                    |

This contract provides and includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide masonry work indicated on the construction documents, including but not limited to masonry units, cast stone, stone fabrications, reinforcing, grout, accessories and related work. Note: the following buildings are included in this scope of work, Stadium, Field House, E1, E2, E3, E4, E5, E6, E7, E6S and E7S. (review Alternate section as it applies)
2. Provide work specified in Section 044316 Stone Fabrications.
3. Provide all special shape, cast stone masonry and custom masonry units as defined in the construction documents.
4. This contract shall provide all Sprayed Polyurethane Foam Insulating Air Barrier with intumescent coatings, special paint layer per NFPA 285, and all "Self-Adhering Flashing Tape" at all locations (vertical and horizontal) behind vertical brick, block, metal panels, canopies and overhangs. The Flashing tape shall be applied to seal all exterior openings, including but not limited to doors, louvers, windows, curtain walls, storefronts etc. This includes all exterior sheathed areas, and block back up areas, whether behind masonry or not. Include spray insulation termination angles as needed for the spray foam insulation installation Coordination of work with other trades shall be required and final installation work to be coordinated with project schedule and CM. Provide a "complete system" in its entirety for this project.
5. This contractor shall include multiple mobilizations within their base bid amount to accommodate the exposure time recommendation for the sprayed insulation, special coatings and self-adhering flashing tape in all areas per the construction schedule and project phasing. (include all "Blueskin" application as required)



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6. This contractor shall provide installation and coordination of sleeves required to go through any masonry walls above finished floor elev. 0.00. Coordinate with the MEP contractors for sleeves (to be provided by MEP contractor) and coordinated/installed by the Masonry contractor.
7. Provide all caulking and sealants for masonry to masonry and masonry to dissimilar materials.
8. Integral masonry flashings, expansion joints, insulation and other related items as required.
9. Mock up as required. Provide a complete mockup of all masonry items within a sample wall to be coordinated by the CM. This contractor to provide and install the concrete footing required for the mock up. Include demolition, removal and clean up of the mock up area.
10. This contractor shall include within their bid the incorporation of **200 hours of CO OP participation** by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C.ch.5.
11. Grouting of door frames at all masonry openings. Include grouting of HM vision panels in CMU.
12. Weather protection and temporary heat as required to perform the work and maintain the project schedule. This would include tenting, tarping, heating (providing fuel and equipment), installation, maintenance and removal. Kerosene is not an acceptable fuel for work within the interior spaces.
13. Layout of the work including responsibility for all elevations and dimensions as they affect other Contractor's work.
14. Lintels either required by this Contract or install loose lintels furnished by others. Include bolting or welding of lintels as per details. "All lintels will be steel, and provide by the steel contractor for your use.
15. Provide mixing stations as required to perform your work. The station locations shall be coordinated with the CM The mixing area shall be protect as required by DNREC and it shall be this contractors responsibility to maintain the station area at all times. Remove all components and restore area when work of this contract complete.
16. Concrete fill/grout at all masonry units as identified.
17. Provide a concrete dumpster to collect and remove the spoils from all masonry grouting operations.
18. Purchasing and installing reinforcing steel in block walls.
19. Provide all fire safing/fire stopping, and continuous fire sealant at top and bottom of masonry walls as shown on the contract documents. Also include these sealants at all steel penetrations through the provided masonry.

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20. This contractor shall provide the required firewall/smoke wall assembly identification for work of this contract. (labelling of the walls with fire rating)
21. Interior exposed masonry walls shall be cleaned and scraped thoroughly; a second pass of scraping and refining the cleaning shall be included in the base bid. CM to review and coordinate second pass with the masonry foreman in the field.
22. Temporary protection for final wash down/cleaning of masonry. This includes covering and protecting the windows and doors as necessary.
23. This contractor shall supply and install straw at the base of wall when work of this contract has been completed to stop splashing of mud and water on completed walls.
24. Flashing at locations indicated on drawings for your work.
  - a) Thru wall and cavity flashing below the roof line shall be by the Masonry Contractor.
  - b) Thru wall and cavity flashing above the roof line shall be by the Roofing Contractor.
  - c) Flashings at rising wall conditions shall be provided by this contractor.
25. Cutting, fitting and building into masonry work, embedments provided by others. Coordinate all work with other trades as required.
26. Provide all firesafing and fire caulking as required for your course of work.
27. Provide masonry veneer anchors as required for your course of work.
28. Bond beams including supplying and installing reinforcing and fill.
29. Furnish and install all masonry veneer anchors where required. Welding of anchors that are not shown to be fabricated with the structural steel shall be welded in place as needed by this contractor.
30. Masonry contractor shall supply and manage dumpsters for use in removal of masonry debris. The project dumpsters may not be used for masonry debris.
31. Mockup as required. Provide your portion of a complete mock-up of the exterior wall assembly. Coordinate with the CM.
32. Provide generators and services as required to provide temp power, water etc. as needed for your course of work. CM/Owner will not be supplying any Temporary power.
33. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
34. This contract includes all Division 0 and Division 1 General Requirements. All commissioning requirements are identified in Division 1 and are a requirement of this contract.

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35. Provide pricing for alternates as described in Section 012300-Alternates.
36. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
37. Include within this contracts base bid an allowance of \$25,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

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CONTRACT NO. E-06: GENERAL TRADES-CARPENTRY, CFMF, GYP ASSEMBLIES, ACT CLGS.

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Division 0                | Bidding and Contract Requirements                                       |
| Division 1                | General Requirements                                                    |
| Section 055000            | Metal Fabrications (related work)                                       |
| Section 054000            | Cold-Formed Metal Framing                                               |
| Section 054400            | Cold Formed Metal Trusses                                               |
| Section 061000            | Rough Carpentry                                                         |
| Section 070553            | Fire and Smoke Assembly Identification                                  |
| Section 077100            | Roof Specialties (blocking coordination)                                |
| Section 072100            | Thermal Insulation                                                      |
| Section 072640            | Spray Polyurethane Foam Insulating Air barrier (coordination)           |
| Section 072500            | Weather Barriers (coordination with mason contractor)                   |
| Section 078400            | Firestopping                                                            |
| Section 079100            | Preformed Joint Sealants                                                |
| Section 079200            | Joint Sealants                                                          |
| Section 081113            | Hollow Metal Doors and Frames (coordination, handing, installation)     |
| Section 083100            | Access Doors and Panels                                                 |
| Section 083300            | Rolling Service Doors                                                   |
| Section 084313            | Aluminum Framed Storefronts (install frames-provide glazing)            |
| Section 087100            | Door Hardware (coordination, handing, installation)                     |
| Section 080671            | Door Hardware Schedule (coordination, handing, installation)            |
| Section 088000            | Glazing                                                                 |
| Section 089100            | Louvers                                                                 |
| Section 092116            | Gypsum Board Assemblies                                                 |
| Section 095100            | Acoustical Ceilings                                                     |
| Section 096500            | Resilient Flooring                                                      |
| Section 102113            | Plastic Toilet Compartments                                             |
| Section 102800            | Toilet Accessories                                                      |
| Section 104400            | Fire Protection Specialties                                             |
| Section 105100            | Metal Lockers                                                           |
| Section 107316.13         | Metal Canopies                                                          |
| Section 114000            | Food Service Equipment                                                  |
| Section 116843            | Exterior Scoreboards (Baseball & Softball)                              |
| <del>Section 116843</del> | <del>Exterior Scoreboards (Football &amp; Track)</del> (Addendum No. 1) |
| <b>Section 116844</b>     | <b>Stadium Scoreboard &amp; Outdoor Live Display</b> (Addendum No. 1)   |
| Section 123600            | Countertops, Backsplashes and Window Stools                             |
| Section 129300            | Site Furnishings                                                        |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

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1. Provide all cold formed metal framing, sheathing, insulation, metal stud framing, gypsum assemblies and drywall as indicated on the contract documents. (includes CFM Trusses)
2. This contractor owns all contract documents, which includes but is not limited to the following areas of work, Stadium, Field House, E1, E2, E3, E4, E5, E6, E7, E6S and E7S. (review Alternate section as it applies)
3. Provide metal studs, framing, insulation, gypsum wallboard, taping, spackling and specified wall finishes. Include all trims and finish pieces for a complete installation.
4. Provide all engineered metal truss roofing systems complete, including all delegated design requirements. (include within your base bid expedited shop drawing submissions and reviews)
5. This contractor shall be responsible to coordinate with the masonry contractor as related to the exterior wall assembly and the installation of the spray foam insulation system. installation.
6. Include fire taping and sealing at perimeter edge and as shown or indicated in the contract documents.
7. Provide architectural expansion joint systems, including joint covers materials at concrete slab, drywall and masonry construction (interior and exterior)
8. Steel stud construction as related to the roof parapet construction.
9. Steel stud construction related to framing out for openings in exterior walls.
10. Provide secondary support framing as required.
11. Clips, anchors, supports and other accessories that interface between steel framing and steel studding and steel studding with masonry interaction.
12. Expansion systems as required for performance of your course of work.
13. Scaffolding, lifts, and all necessary equipment required for your contract's course of work.
14. Provide engineered drawings (delegated design requirements.)
15. This contractor shall be responsible for coordinating with other trades for exterior openings and layout of design features.
16. Provide labor and materials to perform the work related to all carpentry and general work.
17. Provide all glass and glazing.
18. All rough carpentry related to the exterior skin of the building and roof areas, including wood nailers and blocking, roof blocking, curb blocking, MEP blocking coordinated with MEP trades. This will include all galvanized angles at blocking locations for support as detailed.

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19. All rough carpentry related to the interior of the building including blocking, wood nailers, etc. for the installation of fire extinguishers, doors, windows, toilet accessories, cabinets, toilet partitions, counter tops, AED's, rollup doors, coiling doors, and accessory blocking, etc. including fire treating as required. Provide all roof framing, wall framing and sheathing
20. Provide all counter tops, back splashes and accessories.
21. Provide and install plywood back boards on all wall areas, floor to ceiling in all electric, MDF and IDF rooms. Backboards to be  $\frac{3}{4}$  inch plywood, painted one side with white Fire Proof paint and fire caulked to the walls tightly.
22. Provide blocking and anchoring for all roof ladders, TV and monitor mounts, Visual display boards, chalk, tack, white board assemblies, lockers etc. Coordinate with other trades for locations and installation direction.
23. Provide blocking for door hold opens, wall mounted closers, and wall door stops.
24. Install Aluminum storefront vision panels and provide glazing for these panels (door contractor to supply frames)
25. This contractor shall install the interactive displays as furnished by the owner.
26. Install metal doors and frames, including receipt of doors and frames at the curb side. Contractor shall receive the doors, frames and hardware and inventory immediately. This contractor responsible for safe keeping of all materials and shall provide written documentation that all materials were received. All hardware shall be secured in a fully locked and protected area. By this contractor.
27. Install finish hardware related to all doors (hollow metal, wood and coordinate keying with aluminum hardware) including receipt of hardware at the curb side. This contractor is responsible for coordinating door hardware with their work to ensure each opening is properly prepped for hardware being supplied by others. All low voltage wiring within the doors and frames to be installed by this contractor. Conduits and raceways will be provided by the electrical contractor, as well as installation of the electrical supply power and the final power connections to equipment. Final connections of low voltage wiring to hardware to be provided by the Special Systems contractor. This contractor to work with the electrical contractor and Special Systems contractor to provide a complete installation. Salto hardware will be supplied by the Special Systems contractor and installed by this contractor.
28. This contractor shall advise the hardware supply contractor of any deficiencies or missing item immediately after initial inventory (in writing) as installation takes place. Reporting and tracking is the responsibility of this contractor.
29. All field trimming required to adjust to the existing in place conditions shall be part of this contractors scope of work. Field measuring and verification is to be included.
30. Anchoring devices, fasteners, inserts and other related items associated with the installation of the above items.

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31. Provide all architectural louvers, including insulated panels etc. All louvers are to be included within this contract, they are shown on the architectural drawings and specs and referenced by MEP documents. Provide 'custom" color costs in the base bid. This contractor shall coordinate with other trades for integration of the louvers into their course of work. All material handling and on site protection of the louvers is this contractors responsibility.
32. Provide blocking and support for the Visual Display Boards and Display Case
33. Provide all Plastic toilet compartments, toilet accessories, fire protection specialties and metal lockers.
34. This contractor shall provide and install all Site Furnishings as detailed in the contract documents. Include all work related to this course of work, concrete pads, anchoring, touch up paint etc.
35. This contractor to coordinate all card reader blocking requirements with Special Systems contractor.
36. Provide Exterior Scoreboards complete, including required excavation and foundations. Provide (2) separate scheduled training sessions within your base bid)
37. Provide Food Service Equipment as per contract documents.
38. This Subcontractor shall at a minimum provided, maintained, and inspect for the length of the project, one temporary fire extinguisher for each 3,000 sq. ft of the protected building area. Travel distance from any point of the protected area to the nearest fire extinguisher shall not exceed 100 feet. In multistory buildings, at least one fire extinguisher shall be located adjacent to stairway. Fire extinguishers shall be at least 10lb, Multi-Purpose (ABC) dry chemical, UL labeled, with a rating of 3a:40bc. Maintain for the duration of the project until substantial completion to insure coverage and compliance.
39. Coordinate electrical requirements with any automatic door operations. This contractor owns all controls, switches and wiring as required for a complete system. Power to be supplied by Electrical contractor.
40. Provide three Knox Boxes coordinated with the local fire company for installation at locations identified by the owner/CM.
41. This contractor will work with the Special Systems contract to allow the installation of harnesses, whips and connections while installing frames, doors, hardware and access controls.
42. Provide (1) scaffold stairway, to be erected to accommodate access to the roof area from the exterior of the building. Include a rental duration of 7 months.
43. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.

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44. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
45. Layout of the work including responsibility for all elevations and dimensions as they affect other Contractor's work.
46. Provide all work related to the building mock up, blocking, installation of door frame, doors, hardware, flashings, fasteners etc. as it relates to mocking up of the systems included in this contract scope.
47. This contractor shall provide temporary rails at all exterior opening on the building until permanent window/doors/curtainwall etc. installed.
48. This contractor shall include protective wooden covers and marking for any floor openings, holes, shafts etc. Include labelling of the covers with clear and readable markings or stickers.
49. This contractor shall provide and include all costs associated with installing temporary doors and windows at the exterior of all building (all openings)
50. Provide wood safety barricades to OSHA required height during construction. These rails shall be installed immediately after the roof blocking is installed. These rails/barricades shall stay in place and be maintained until all activities on the roof area are complete or as directed by the CM. Coordinate removal, roof patching etc. with roofing contractor and CM.
51. Comebacks and out-of-sequence work may be required and as such should be included in your base bid proposal.
52. No power for welding equipment will be provided. This contractor shall provide portable generators, fuel, etc. to power equipment required for their scope of work.
53. Coordinate Self Sealing Flashing installation at base of wall assemblies and flashed areas. with Masonry contractor who is providing. This contract to provide any required metal flashings for your course of work.
54. This contractor shall supply and install any access panels in the exterior wall assembly that are required by the contract documents. In addition the contractor shall install (10) 2'X2' Access panels provided by other.
55. Provide fire resistant joint sealants, fire safing, fire stopping, as it relates the work of your contract.
56. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.



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57. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
58. Layout of the work including responsibility for all elevations and dimensions as they affect other Contractor's work.
59. This contractor shall include within their bid the incorporation of **150 hours of CO OP participation** by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C.ch.5.
60. This contract shall include in their bid the necessary crews to complete the work as per the project schedule. Provide additional crews as required to maintain schedule at no additional cost to the project.
61. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
62. Include all necessary field measurements.
63. Include three (3) passes per floor to "touch-up" mechanical penetrations to ensure ratings required. The first pass will be required prior to ceiling grid installation and the second pass will be required prior to final inspection for Certificate of Occupancy.
64. Bidders are advised to pay particular attention to top of wall conditions, fire and smoke safing of slabs and acoustical sealants. This work is include within the scope of this contract.
65. This contractor to provide caulking at the base and top of drywall partitions, furred walls and all drywall conditions.
66. This contractor shall work with other trades to install openings that are in wall assemblies being constructed.
67. Provide metal furring as required.
68. Engineered shop and installation drawings. (delegated design, with expedited submission and review costs included)
69. Provide complete acoustical ceiling systems to include suspension system, hangers and all required components for a complete system.
70. Acoustical lay in insulation blankets and rigid panels above ceilings and behind wall grid systems as identified in the contract documents.

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71. Supplemental suspension hangers at large ducts above ceilings and at openings for lighting fixtures shall be provided and coordinated to minimize exposed clips, anchors, and wires.
72. Continuous acoustical sealant on back of vertical leg before installing moldings as indicated
73. Furnish and install hold down clips where required by governing regulations for fire resistant ratings.
74. Provide all material handling, scaffolds, lifts, Spyder cranes, access to work etc. as required for the scope of this contracts work.
75. Expansion joints for all acoustical ceilings, specialty ceilings and acoustical systems.
76. Provide ceiling grid layout on floor for cassette and duct placement in ceiling grid system.
77. This contractor shall review all documents, shop drawings, plans, and drawing model for ceiling height issues. All issues shall be reported to the EDiS prior to installing wall angles.
78. This Contractor shall cut openings in ceilings for sprinkler heads, lights, mechanical diffusers and grilles, etc. Coordinate work with other trades.
79. Coordinate with other trades for layout and install of their materials into the grid system provided by this contract.
80. Attic stock as per the contract documents, delivered, inventoried, and moved to a storage area within the building at the owner's direction.
81. Provide all resilient base required per Section 096500 Resilient Flooring.
82. Provide all site furnishings.
83. Provide pricing for alternates as described in Section 012300-Alternates.
84. Provide within this contract's base bid an allowance of \$50,000 for work to be directed by the owner and CM. Unused portions of the allowance shall be returned to the owner.
85. Provide an allowance of \$325,000 to provide dumpsters for **Phase I and Phase II** portions of the project. Work to be directed by the owner and CM. Unused portions of the allowance shall be returned to the owner.

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CONTRACT NO. E-07: EXTERIOR METAL PANELS AND METAL ROOFING

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                   |                                      |
|-------------------|--------------------------------------|
| Division 0        | Bidding and Contract Requirements    |
| Division 1        | General Requirements                 |
| Section 054000    | Cold-Formed Metal Framing            |
| Section 055000    | Metal Fabrications (for your work)   |
| Section 074213.13 | Metal Wall and Roof Panels           |
| Section 074213.23 | Metal Composite Material Wall Panels |
| Section 076200    | Sheet Metal Flashing and Trim        |
| Section 077123    | Manufactured Gutters and Downspouts  |
| Section 079100    | Preformed Joint Sealants             |
| Section 079200    | Joint Sealants                       |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all metal panels, framing, sub girts, Z furring, insulation and all other components to provide a complete metal panel system for the field house as required by the contract documents.
2. Provide a complete metal siding, roofing, downspouts, gutters and required flashing for building buildings E4 and E5.(review alternate section) This contractor to coordinate closely with the CFMF contractor.
3. Provide all metal panels and accessories as indicated on the contract documents. This includes all panels associated with the stadium, field house and all out buildings as shown.
4. The spray installation system will be provided by the Masonry contractor, however this contractor is responsible to coordination. Specifically for installation durations and the completeness of the installation of the Z furring system this contract is providing. Timely installation to not impact the spray foam installation is required by this scope of work.
5. Provide all fascia's, soffits, overhangs etc. as required for a complete system. Complete system includes all caulking and sealants as required by the provided system.
6. Flashing of panels integral with the panel system.
7. Coordinating, cutting and fitting around the work of other trades is required by this contract and should be part of your base bid work.
8. Caulking of panels as required to provide a complete system. Vertical joints where metal panels meet adjacent materials shall be caulked by this contractor.
9. Miscellaneous metal items necessary to support panels other than required structural steel.

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10. Furnish anchorage items for embedding into other construction for support of panels.
11. No electrical power for this contractor's equipment or welders will be provided. Electrical power to be provided as needed by this contractor.
12. Galvanized, epoxy or stainless steel, etc. anchors as specified.
13. Metal fascias and copings related to the panel system
14. All material handling, lifts, cranes etc. are the responsibility of this contractor.
15. Verification of field dimensions is the responsibility of this Contractor. Coordination and review window openings, door openings and others during the shop drawing process is required so materials can be ordered to accommodate schedule. Material may be required to be ordered in advance of the ability to field measure. This coordination is the responsibility of this contractor.
16. Provide all flashing as identified with the metal panel installation. Provide all hat channels and sub-girts for the panel installation. Coordinate with the work of other contractors related to the spray foam installation.
17. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. NCCVT and EDiS will not be responsible for any lost tools, materials or equipment.
18. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
19. Provide pricing for alternates as described in Section 012300-Alternates.
20. Include within this contracts base bid an allowance of \$20,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

CONTRACT NO. E-08: ROOFING

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                      |
|----------------|------------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                    |
| Division 1     | General Requirements                                 |
| Section 072100 | Thermal Insulation                                   |
| Section 075300 | Elastomeric Membrane Roofing                         |
| Section 076200 | Sheet Metal Flashing and Trim                        |
| Section 077100 | Roof Specialties                                     |
| Section 077123 | Manufactured Gutters and Downspouts                  |
| Section 077200 | Roof Accessories                                     |
| Section 079100 | Preformed Joint Sealants                             |
| Section 07900  | Joint Sealants                                       |
| Division 26    | Electrical (power, fire alarm, lightning protection) |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide single ply flexible roofing system, including rigid and tapered insulation and all related accessories. (Field House, Building E1 E2, E3, and all 4 E6 Roofs)
2. This contractor shall carefully review the edge of roof details to determine if the roof can be placed before the exterior wall assembly is complete. This contractor shall include all costs associated with returning to the jobsite to complete the roof perimeter after wall assembly is complete.
3. Provide caulking and joint assemblies related to roofing, flashing and roof accessories.
4. Roof drains and associated plumbing shall be provided by the Mechanical Contractor. Flashing of the roof drains shall be by the Roofing Contractor. Openings for the roof drains in the roofing materials shall be cut by the Roofing Contractor. Openings in the metal deck shall be cut by others. This contractor shall be responsible to coordinate the roof drain locations as needed by the steel contractor and plumbing contractor so reinforcing of the decking and roof support frames may be installed in accordance with the sequence of work.
5. Metal parapet coping, receiver system and all components required for a complete coping assembly. Caulking and sealing of all copings is the responsibility of this contractor.
6. Provide boot for piping and conduits that penetrate the roofing assembly. Coordinate with other trades.
7. Coordinate the roofing installation and flashing required for line sets, piping, electric and control penetrations. Coordinate with MEP contractors.
8. Roof hatches, smoke vents, smoke hatches, access covers etc. are to be provided by this contractor.

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Coordination of this work with other trades and the MEP vendors are required by this contract. Rail systems and curbs to be provided by this contract. The smoke hatches are not accessible shall be provided with remote controllers to test and re-set.

9. Walk pads and walk pad layout shop drawings are required by this contract.
10. Metal drip edges, complete including all caulking and sealants.
11. Gravel stops, complete including all caulking and sealants.
12. Roof curbs to be installed by this contractor, provided by the MEP trades as identified in the contract documents. Coordination with the Carpentry contractor on the roof blocking thickness is required by this contractor. Provide detail shop drawings identifying the insulation thickness so blocking can be installed accordingly.
13. This contractor shall coordinate with the carpentry contractor on location of wood blocking, curbing, etc. to facilitate the installation of the tapered insulation, crickets etc.
14. Provide expansion joints that are integral to the roof.
15. Gutters, downspouts, splash pans, splash blocks. This contractor shall be responsible to coordinate with the plumbing contractor for the connection to the RW system. Provide membrane flashing, metal flashings, sealants, drip edge, gutters, drain covers etc. as related the gutter systems for this course of work.
16. Metal scuppers, over flows, drains etc. as required by the contract documents are this contractors responsibility.
17. Provide a means to lift materials to the roof for materials not stored on the roof at initial time of delivery. All costs shall be the responsibility of the roofing contractor.
18. This contractor shall provide waterproof seals around lightning protection system as required by roof manufacturer requirements. If location of lightning protection conduits are not clearly shown on the roof plan, include within your base bid an additional; cost to seal one penetration for every 1000 sf of roof area.
19. This contractor shall review the schedule for the roofing scope of work and include within the base bid considerations (costs) for cold weather roofing installations. This shall include but is not limited to providing a warming hut/enclosure to keep material warm and allow the roof installation to continue in cold temperatures. All costs related to cold weather roof installation shall be the responsibility of this contractor.
20. The owner may at any time select to have a third party roof inspector review and inspect the roofing installation and finished roof system. This contractor shall work with and allow access to this third party inspector as needed.
21. All trash shall be removed from this contractors work area daily to the dumpsters. No trash may be stored on the roof area.

22. Flashing and sheet metal systems related to the scope of this contract work.
23. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
24. This contractor shall include within the base bid proposal (2) additional roofing inspections of all roofing assembly to facilitate any damage or overuse repairs that may be required. These inspections will be schedule by the CM within the duration of the construction schedule. These inspections do not in any way take the place.
25. This contractor shall include a \$20,000 allowance within their base bid for work to be determined by the CM and NCCVT. All unused allowance dollars will be returned to the owner.
21. Flashing Summary:
  - a. Thru wall and cavity flashing below the roof line shall be by the Masonry Contractor.
  - b. Thru wall and cavity flashing above the roof line shall be by the Roofing Contractor.

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CONTRACT NO. E-09: HOLLOW METAL, WOOD DOORS, AND FINISH HARDWARE

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                |
|----------------|------------------------------------------------|
| Division 0     | Bidding and Contract Requirements              |
| Division 1     | General Requirements                           |
| Section 081113 | Hollow Metal Doors and Frames                  |
| Section 081416 | Flush Wood Doors                               |
| Section 087100 | Door Hardware                                  |
| Section 080671 | Door Hardware Schedule                         |
| Section 088000 | Glazing (coordinate with Carpentry contractor) |
| Section 084313 | Aluminum Framed Storefronts                    |
| Section 089100 | Louvers (as related to doors)                  |
| Division 26    | Electrical (coordination)                      |
| Division 27    | Communications (coordination)                  |
| Division 28    | Electronic Safety and Security (Coordination)  |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Furnish only hollow metal doors, frames, vision panels and finish hardware.
2. Keying. All lock sets. Provide Owner with a complete schedule of all keying and pin schedules as required. (coordinate keying schedule with NCCVT)
3. **This contractor shall coordinate with the Special Systems contractor for coordination of Salto hardware.**
4. Furnish Aluminum Storefront vision panels to be installed by the carpentry contractor.
5. Construction door cylinders shall be provided by this contractor to the Carpentry contractor for use during construction. Plan and include the cost of providing (3) three separate levels of cylinders (green, red, blue) to allow areas to be secured separately as required by the CM. Provide (10) keys per color system.
6. All exterior Hollow Metal frames shall include a box and raceway built into the door frame for locations at the latch and hinge as required. Provide a box and raceway at the head of the frames for door contact access and installation.
7. This contractor shall coordinate the hardware and door materials with the Carpentry contractor prior to ordering materials. Including but not limited to all coordination meetings with the Owner, CM Carpentry contractor and Special Systems contractor as required to properly coordinate all doors, frames, hardware and connections, prior to ordering of materials.
8. This contractor shall deliver all materials as coordinated with the installer to the project site in an



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orderly organized manner. Deliveries will not be received unless the Carpentry contractor is notified and the delivery is coordinated. The Owner and EDiS will receive any materials. Additionally provide 48 hour notice prior to delivery. All deliveries are to be between 7:00 AM and 3:30 PM (allow time for check in of all hardware when scheduling)

9. Provide field assistance to Electrical and Carpentry Contractor as required to facilitate the installation of the materials supplied by your course of work.
10. This contractor to coordinate with the Special Systems contractor and Electrical contractor to ensure that all cut outs, plates, receiver etc. that are required to be built into your doors and frames are fully coordinated. In person attendance at review and coordination meetings for the doors, hardware, special systems, raceway and electrical connections shall be the responsibility of this contractor.
11. As changes are made to the hardware schedule, whether due to issued ASI's, RFI's, architectural changes etc., this contractor shall make updates to the hardware schedule and re-issue so the schedule is always updated and submitted to EDiS.
12. Coordinate electrical requirements with any automatic door operations.
13. Provide harness lengths to reach above accessible ceilings. Coordination of this work and the lengths required is the responsibility of this contractor. Provide any harness adapters and connectors required allow hardware to have a splice free system.
14. This contractor shall provide all magnetic hold open hardware, including extensions as required.
15. Provide a key box system to hold up to 25% over the amount of keys being supplied. Provide (10) additional Locking Key Box's 18" x12" for NCCVT use.
16. Provide all BIM services as specified in Section 013700 BIM Execution Plan.
17. Provide pricing for alternates as described in Section 012300-Alternates.
18. Coordinate with the Division 28 contractor on all Salto hardware requirements. Salto hardware supplied by Div 28 contractor.

CONTRACT NO. E-10: OVERHEAD ROLLING DOORS AND SHUTTERS

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials, and equipment for:

Technical Specification sections:

|                |                                               |
|----------------|-----------------------------------------------|
| Division 0     | Bidding and Contract Requirements             |
| Division 1     | General Requirements                          |
| Section 055000 | Metal Fabrications                            |
| Section 083300 | Rolling Service Doors                         |
| Division 26    | Electrical (coordination)                     |
| Division 28    | Electronic Safety and Security (coordination) |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all rolling service doors, overhead rolling doors and rolling counter shutters as required by the contract documents. To include but not limited to exterior and interior coiling doors systems. Hardware, openers, buttons and controllers required for a complete system shall be provided by this contractor.
2. Provide all overhead coiling grilles.
3. Provide all overhead counter doors.
4. Include all wall framed openings and openings including trims, flashings, and sealants as required to perform your course of work.
5. Provide additional supports for overhead coiling doors. Structural members identified on the structural drawings are not part of this contract scope. Provide ancillary steel, connectors, all thread and other misc. items as required. Coordinate all electrical and special systems requirements for work of this contract with the appropriate contractors. Provide keyed switches for both electric and low voltage to match building keying.
6. Keying coordination for all lock sets. (coordinate with same hardware system as Door Hardware supply contract.)
7. Coordinate electrical requirements with any automatic overhead door operations.
8. Provide low-voltage wiring required for overhead doors automatic door operations. Include all raceways, boxes and switches required for a complete installation.
9. Ensure doors fully open the entire height of the door opening and close with the bottom edge touching the ground. Doors will fit square in the openings with no gaps along the top, bottom or sides when the door is closed.

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10. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
11. Provide all sensing and safety devices as specified for each assembly to provide a complete assembly.
12. Exterior overhead doors and grilles shall have the appropriate specified seals, and weatherstripping at all edges. Top, sides and bottom. Seals shall maintain water tightness when installed.
13. Provide all BIM services as specified in Section 013700 BIM Execution Plan.
14. Provide pricing for alternates as described in Section 012300-Alternates.
15. Provide an Allowance of \$15,000 for work to be determined by the CM and NCCVT. All unused allowance dollars will be returned to the owner.

CONTRACT NO. E-11: FLUID-APPLIED FLOORING

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials, and equipment for:

Technical Specification sections:

|                |                                              |
|----------------|----------------------------------------------|
| Division 0     | Bidding and Contract Requirements            |
| Division 1     | General Requirements                         |
| Section 079200 | Joint Sealants                               |
| Section 090561 | Common Work Results for Flooring Preparation |
| Section 096700 | Fluid Applied Flooring                       |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide fluid-applied flooring and integral base.
2. Provide mock-ups as required by plans and specifications.
3. Provide standard and custom color samples for review and approval.
4. Provide vapor retarding sealer prior to resinous application, as required by specifications or manufacturer's installation instructions.
5. Provide protection of work of others as well as cutting and fitting around work installed by others.
6. Patching and leveling of areas to receive resinous flooring to be included in the base bid of this contract.
7. Provide cleaning, finishes and protection. Protection shall be RamBoard Pro sheets with Ram tape. Provide protection of finished products until acceptance by Construction Manager.
8. Provide crack suppression membrane required for the work of this contract. The submitted shop drawing for the Resinous Flooring areas shall reflect all control joints, expansion joints and crack suppression locations for review and approval.
9. Provide at least a 48-hour notice prior to any delivery. All deliveries are to be between 7:00 AM and 3:30 PM.
10. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. NCCVT and EDis will not be responsible for any lost tools, materials or equipment.
11. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide

respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.

12. Contractor must provide additional crews as needed to maintain the project schedule.
13. Include within this contracts base bid an allowance of \$10,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

CONTRACT NO. E-12: PAINTING

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                   |
|----------------|-----------------------------------|
| Division 0     | Bidding and Contract Requirements |
| Division 1     | General Requirements              |
| Section 079200 | Joint Sealants                    |
| Section 099113 | Exterior Painting                 |
| Section 099123 | Interior Painting                 |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all painting (all walls and ceilings indicated on the finish schedule) include all preparation of surfaces, trims and finish wood locations.
2. Provide sealing of all interior joints between dissimilar materials that require sealants before painting.
3. This contractor shall provide "all" interior and exterior painting complete.
4. Paint all exposed block work and concrete work as shown on the room finish schedule and contract documents.
5. Prime, stain or seal, all wood trim and doors as required by the contract documents.
6. Paint exposed piping (sprinkler, plumbing, gas piping, electrical) and ductwork in accordance with the contract documents. Include preparation work for all items specified. Review and coordinate any color requirements specified in the contract documents or as required by code. Pay close attention to MEP documents for specific locations of piping colors.
7. Provide Fire and Smoke Identify markings on all masonry walls that require marking per governing jurisdictions. Coordinate marking walls with painted/stencils with the CM on site.
8. Provide supplementary ventilation as required in enclosed spaces.
9. Paint and caulk all hollow metal frames and doors as shown on the door schedule.
10. Paint metal stairs and railings.
11. Prefinished items WILL NOT be painted by this Contractor.
12. Paint all semi-exposed wood blocking as indicated on the drawing.
13. Include "preparation" of all surfaces and items required to be covered by the scope of this contract.

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14. This contractor shall allow a touch up pass from drywall contractor/mason contractor between prime coat and first coat of finish.
15. Protection of adjacent surfaces required by this contractor.
16. Minor patching prior to application of finishes shall be included in the base bid.
17. This contractor shall provide sealing/hardener of concrete floors, including scraping, brushing, removal of markings, grease, foreign materials and thoroughly cleaning all the floors prior to installation of the sealer/hardener materials. Mechanical cleaning of floors as required prior to sealing. Coordination with other finishes will require multiple mobilizations for the sealer/hardener preparation and installation.
18. Installation of rated wall identification to be provided by this contractor. Access, lifts, ladders etc. to be provided by this contractor.
19. Provide painting of all exterior bollards and gates that are not prefinished.
20. Paint gas lines at both the interior and exterior of the building.
21. All lintels shall be painted by this contractor.
22. Paint all railings and handrails that are not prefinished.
23. Provide cleanup of your work areas and storage areas on a daily basis. Removal of spent paint cans and buckets is the responsibility of this contractor.
24. This contractor shall protect all areas, materials and work of others from over-spray from the work of this contract.
25. Provide at least a 48-hour notice prior to any delivery. All deliveries are to be between 7:00 AM and 3:30 PM.
26. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. NCCVT and EDiS will not be responsible for any lost tools, materials or equipment.
27. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
28. Contractor must provide additional crews as needed to maintain the project schedule.
29. Provide pricing for alternates as described in Section 012300-Alternates.

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CONTRACT NO. E-13: BLEACHERS AND GRANDSTANDS

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification sections:

|                |                                   |
|----------------|-----------------------------------|
| Division 0     | Bidding and Contract Requirements |
| Division 1     | General Requirements              |
| Section 061000 | Rough Carpentry                   |
| Section 079200 | Joint Sealers                     |
| Section 131250 | Bleachers, Grandstands            |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all Bleachers and Grandstands as indicated on the contract documents. (foundations as detailed provided by Site contractor)
2. Provide bleacher seating systems, both stationary and removable.
3. Provide Press Box configurations as per the contract documents.
4. Verification of field dimensions is the responsibility of this Contractor. Coordinate with the MEP contractors to insure proper installation related to their work.
5. Anchoring devices, fasteners, inserts and other related items associated with the installation of the above items. Provide all material handling and access equipment required for the scope of your contract.
6. All material handling. Loading, moving, lifting of the materials of this contract shall be the responsibility of this contractor. The CM will not receive or unload your materials.
7. Provide at least a 48-hour notice prior to any delivery. All deliveries are to be between 7:00 AM and 3:30 PM.
8. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. NCCVT and EDis will not be responsible for any lost tools, materials or equipment.
9. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
10. Provide pricing for alternates as described in Section 012300-Alternates.



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11. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license. The cost of this license is \$1,500 and shall be included in your base bid proposal.
12. Include within this contracts base bid an allowance of \$10,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner by means of a credit change order.

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CONTRACT NO. E-14: FIRE PROTECTION

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                      |
|----------------|------------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                    |
| Division 1     | General Requirements                                 |
| Division 22    | Plumbing                                             |
| Division 26    | Electrical                                           |
| Division 32    | Site Improvements                                    |
| Section 312300 | Excavation and Backfill for pipelines and Structures |
| Section 03310  | Cast in Place Concrete                               |
| Section 210500 | Common Work Results for Fire protection              |
| Section 210505 | Fire Suppression System Piping, Fittings and Valves  |
| Section 211003 | Water Based Fire Suppression System-Sprinklers       |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide piping, fittings, couplings, valves and sprinkler heads to provide a complete Fire Protection Dry Action System.
2. Excavation and backfill related to fire protection work as detailed below is the responsibility of this Contractor. (Geo-Tech reports included for this contractors review)
3. Backfilling is the responsibility of this Contractor. Soil types shall be in accordance with project documents. Backfill materials shall be covered after excavation and protected. If materials become wet and unusable this contractor shall remove the material from site and provide stone dust (#10 stone dust) to backfill all piping trenches and remove unsuitable material off site.
4. Provide As-built drawings in both hard copy and BIM format.
5. Provide concrete equipment pads, curbs and thrust blocks related to the Fire Protection work (sprinkler system) and Fire Pump system.
6. Permits, testing and inspections required for the Fire Protection work are to be provided by this contractor.
7. Providing of sleeve assemblies for work of this contract that penetrates the foundation wall, interior footings or any concrete footings shall be provided to the masonry and concrete contractor for installation. This contractor shall coordinate and assist with the sleeving install. Sleeves are to be sealed per contract documents.
8. Firesafing of all penetration is a requirement of this contract.
9. Design of the system, submissions to the Fire Marshall, review with Fire Marshall and expediting

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the permit for the Fire Suppression system is a priority of this contract scope.

10. Flow and tamper and sensor switches to be supplied by this Contractor and wired by the Electrical Contractor. It is this Contractors responsibility to provide flow and tamper switches to meet applicable state and local codes as well coordinate with the MEP contract documents.
11. Dry Pipe Fire Protection System Air Compressor, controller and related work. Electric power wiring of compressor and controller to be by the Electrical Contractor.
12. If a water meter is required when the review process and permitting is completed, this contractor shall purchase, pay for, install and coordinate all work with the required authorities.
13. This Contractor to coordinate the need for and compatibility of his system to the emergency generator, supplied by other.
14. Pipe identification and labelling is a requirement of this contract. Valve labels, etc. are required as per the contract documents.
15. Provide fire main from +/- 5 feet outside building including connection in the building. Final connection of your fire line and the line provided by the site contractor shall be the Fire Protection contractors responsibility. Provide a registered plumbing contractor licensed to perform the tie in as part of you base bid.
16. This contractor will flush the UG system with the assistance of the site contractor and provide written documentation to the CM.
17. All cored walls require sleeves and are required to be sealed per contract documents. Any mess from the coring operation shall be immediately cleaned up by this contractor and shall not affect any installed finishes. If this work is not performed efficiently, the work will be performed by the owner and back charged to this contractor.
18. This contractor shall be onsite while walls are being constructed for layout and installation of valve cabinets, concealed, piping, etc.
19. The work of this contract will require out of sequence installations. This should be considered and included in your base bid.
20. This contractor shall provide all access panels required for the work of this contract. They should be lockable, fire rated where required. Panels shall meet the requirements of the contract documents.
21. This contractor shall include within their bid the incorporation of **75 hours of CO OP participation** by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C.ch.5.
22. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license. The cost of this license is \$1,500 and shall be included in your base bid proposal.

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23. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be implemented into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
24. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
25. Provide the necessary coordination with trades to avoid interferences with other work and make corrections at no extra charge.
26. Include within this contracts base bid an allowance of \$10,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

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CONTRACT NO. E-15: PLUMBING, HVAC, AND CONTROLS

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                       |
|----------------|-------------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                     |
| Division 1     | General Requirements                                  |
| Division 21    | Fire Protection (coordination)                        |
| Division 22    | Plumbing                                              |
| Division 23    | HVAC (all sections)                                   |
| Division 26    | Electrical (coordination)                             |
| Division 28    | Electronic Safety and Security (coordination of work) |
| Division 26    | Electrical (coordination)                             |
| Division 32    | Site Improvements                                     |
| Section 312300 | Excavation and Backfill for pipelines and Structures  |
| Section 03310  | Cast in Place Concrete                                |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete system for all plumbing, HVAC, and ATC controls as indicated by the contract documents.
2. This contractor shall provide all pipe insulation, insulation coverings, valve insulation, labelling, and identification of for the plumbing, HVAC and control system.
3. This contract includes all Division 0 and Division 1 General Requirements. All commissioning requirements are identified in Division 1 and are a requirement of this contract.
4. Division 16 of the specifications should be reviewed as it relates to the power wiring and other requirements for HVAC equipment including the coordination of furnishing and installing motor starters as provided in the specifications.
5. Division 26 of the specifications should be reviewed as it relates to the power wiring to trap primers and controls within this contracts scope of work. Coordinate this work with the electrical contractor.
6. Permits, testing, inspections required for the Plumbing and HVAC system work are to be provided by this contractor. This contractor shall pay all permit and inspection fees for the work of their contract.
7. This Contractor shall be responsible to designate an individual within his organization, intimately familiar with this project and assigned on site, to act as the System Start-up Coordinator. This individual must be pre-approved by the Construction Manager. This individual's responsibilities shall include, but not be limited to, coordinating the start-up of all mechanical equipment, including the coordination between the Electrical Contractor, the Controls Contractor, and all

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testing, adjusting and balancing work. This individual shall report on a weekly basis, in written form, to the Construction Manager. These reports shall include a summary of current conditions including manufacturers' start-ups, systems' deficiencies noted to date and the remediation of same, coordination issues between trades, system interfacing and forecasting, as necessary to project the completion of each individual system within the building.

8. Excavation and backfill for underground plumbing work as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with the contract documents Refer Section 312300 for requirements on soils. (Geo-Tech reports included for reference and use)
9. Backfilling is the responsibility of this Contractor. Soil types shall be in accordance with project documents. It is the intent to use on site material and not imported fill. The use of this on site material shall conform with the compaction requirements identified in Section 312300. Excavated materials shall be covered immediately and protected from moisture mitigation. If Materials become unusable, this contractor shall own purchasing #10 stone dust to utilize as backfill in all trench or structure locations. Excess unsuitable materials from plumbing excavations shall be removed from the site by this contractor. (includes water meter pit installation) it is not acceptable for any UG piping to be in the stone layer installed by the concrete contractor, all UG piping must be installed in the subbase with adequate soil coverage. Coordinate inverts through foundations with outside piping.
10. The Concrete Contractor shall furnish, install and maintain stone fill under slab. The Sitework Contractor shall leave the building pad site at subgrade to the required tolerance in the contract documents to receive stone fill. The Plumbing, Mechanical and Electrical contractors shall complete their work under the slab on grade and shall be responsible to return the pad to the subgrade elevation left by the Sitework Contractor. The Concrete Contractor shall then adjust the select material to final subgrade, fine grade the slab and place the vapor barrier and stone fill. Note: while working on the building pad area this contractor shall utilize track drive equipment only. No rubber tire equipment will be allowed. Preservation of the building pad shall be the responsibility of this contractor. The onsite testing and inspection agency provided the owner will monitor the excavation, travel and backfilling operation.
11. The plumbing and concrete contractor and CM will meet to review the building pad for turnover to the next trade. If not accepted correction will need to be made to correct concerns and sign off.
12. Equipment bases and housekeeping pads required for the equipment of this scope of work to be provide by this contractor.
13. This contractor shall provide all necessary material handling equipment, cranes, scaffolds, hoisting and rigging equipment and supplies for work associated with this contracts.
14. Providing of sleeve assemblies for work of this contract that penetrates the foundation wall, interior footings or any concrete footings shall be provided to the masonry and concrete contractor for installation. This contractor shall coordinate and assist with the sleeving install. All sleeves must be provided with the appropriate seals, this contract owns sealing the sleeves related to this contracts work.
15. Pipe insulation, insulation coverings, valve insulation, labelling and identification of plumbing

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lines shall be provided by this contractor.

16. Valve tags, charts, and labelling shall be part of this contractor's responsibility.
17. Provide Mop sinks and Receptors as indicated on the contract documents.
18. Penetrations through wall, floors, etc. including cutting, patching and fire safing.
19. Testing and balancing of all systems shall be provide by this contractor.
20. Clean up shall be provided daily, all trash, debris, crates, boxes etc. shall be moved out of the building to the dumpsters each day. No storage of trash will be allowed inside the building or courtyards.
21. Ductwork, flex duct, grilles, diffusers, including detailed layout for the drywall and ceiling contractor shall be provided by this contractor.
22. Louvers and vents related to HVAC operations. Furnish flashings required, steel frames, caulking/sealants and covers if identified. Louvers must be installed so water does not accumulate beyond face of louver, this contractor to maintain these louvers until project is substantially complete. Flashing of louvers at exterior and interior wall assemblies is the responsibility of this contractor. (flashing details must be submitted and approved by the design team).
23. Coordinate damper size, location and type of damper with contract documents, pay special attention to architectural drawings and finish surfaces. Fire dampers are to be included as part of this contractors scope.
24. This contractor shall be on site to coordinate when walls are being installed for penetrations and sleeve installations. If penetrations and sleeves are missed, this will be the responsibility of this contractor to cover associated costs of fixing.
25. Temporary heat and ventilation installation, maintenance and removal. Refer to Division 1, Specification Section 015123 - TEMPORARY HEAT AND VENTILATION, for specific scope.
26. All guarantees and warranties to begin at the substantial completion of the entire project. Maintain equipment prior to substantial completion.
27. Roof curbs, rails, etc. to be provided and loaded to the roof by this contractor. Layout and installation by this contractor, coordinate with the carpentry contractor for blocking and the roofing contractor for flashing and roofing details. Include any doghouses or raceways for service lines, including coordination of flashing.
28. Roof drains, pans, sumps and all related anchoring, support and adjustment elements that are required per the contract documents.
29. This contractor is responsible for providing, setting, bracing, anchoring, and aligning all floor drains, floor basins etc. required by the contract documents. The plumbing contractor shall have a plumber on site 100% of the time when the concrete contractor is pouring S.O.G. floors or elevated

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slabs. Drains that are misaligned will be demolished, removed, and replaced by this contractor. Including but not limited to replacing and re-engineering floor reinforcement and paying the concrete contractor to re-pour the slab areas.

30. Gas piping, meter and pressure regulator valve. (proper sizing of the regulators is the responsibility of this contractor.) Include anchoring this equipment to the concrete pad provided by the concrete contractor and anchoring the piping and stand to the exterior wall.
31. Trap priming system, including detailed submittals of the system and then provide as-builts of the location of the rack installations. Photos marked with locations to be provided by this contractor.
32. All utilities will be brought to within +/- 5 feet of the building line by others. The Plumbing Contractor **is responsible** for connecting the utilities from +/- 5 feet outside the building line and completing the system within the building. This contractor shall own the underground line with the assistance of the site contractor, including any chemical treatment required by NCCo, Artesian or any other regulatory agency. Reports shall be submitted to CM. This includes any adjustments to HWS & R RicWil piping installed under previous contract from Main Building to Fieldhouse Mech. Rm.
33. This contractor will flush the underground with the assistance of site contractor and provide documentation to CM.
34. Provide complete water sterilization, testing and reporting. Include within your proposal (4) additional testing mobilization for potential Phase utilization.
35. Install Owner pre-purchased equipment, if identified within the contract documents.
36. Provide access panels to the drywall contractor for framing information and final installation.
37. This contractor shall be on site to coordinate when walls are being installed for penetrations and sleeve installations. If penetrations and sleeves are missed, this will be the responsibility of this contractor to cover associated costs of fixing.
38. This contractor shall provide all required fire dampers, connections and remote controllers for the HVAC system.
39. Provide all VFD's related to HVAC equipment complete for electrical contractor to install.
40. Provide (2) sets of filters for construction use. Include changing out the filters during the construction phase. Additionally include a complete change out of all filters prior to turn over to the owner (these filters shall be separate from the attic stock filters required) Providing a complete filter listing as part of the closeout documents is required.
41. This contractor shall provide the work of Section 230900 Instrumentation and Controls of HVAC system in its entirety. Coordinate with all other trades as required. Provide all instrumentation, controls, coordination of work, testing as required to provide a complete ATC system for this project. This work shall include but not be limited to instrumentation and controls for: Provide all instrumentation, controls, coordination of work, testing as required to provide a complete ATC



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system for this project.

42. Motorized dampers when not specified as part of the factory packaged equipment supplied to job site for distribution and installation by others.
43. This contract shall supply control valves per contract documents and drawings.
44. Building life safety control and equipment safety control including: operators and controls for motorized smoke dampers, operators and controls for motorized fire dampers, firestats, freeze protection thermostats, shut down safety devices forming part of automatic temperature control.
45. As-built drawings is both hard copy and BIM submission as part of the project closeout.
46. This contractor shall include within their bid the incorporation of 200hours of CO OP participation by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C.ch.5
47. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license that encompasses the entirety of this project. The cost of this license is \$1,500 and shall be included in your base bid proposal.
48. This contractor must provide a silica exposure plan that meets or exceeds the new 2017silica OSHA requirements before any work can commence. At a minimum, it must be implemented in to the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
49. This is not a secure site. All contractors are responsible for concealing, locking and /or removing any materials on a daily basis. EDiS will not be responsible for any lost tools, materials or equipment.
50. Provide the necessary coordination with trades to avoid interferences with other work and make corrections at no extra charge.
51. Provide all permits and inspections required for the work of this contract, pay all fee's.
52. Include within this contracts base bid an allowance of \$30,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner by means of a credit change order.

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CONTRACT NO. E-16: ELECTRICAL, LIGHTING, AND FIRE ALARM SYSTEMS

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                                            |
|----------------|------------------------------------------------------------|
| Division 0     | Bidding and Contract Requirements                          |
| Division 1     | General Requirements                                       |
| Division 22    | Plumbing (coordination of work)                            |
| Division 21    | Fire Protection (coordination of work)                     |
| Division 23    | HVAC (coordination of work)                                |
| Division 26    | Electrical                                                 |
| Division 27    | Communications                                             |
| Division 28    | Electronic Safety and Security (raceways and coordination) |
| Section 284621 | Addressable Fire Alarm Systems (complete)                  |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete electrical system, lighting(including Stadium & Field Lighting), addressable fire alarm system and infrastructure for all Division 21, Division 27 and Division 28 as indicated on the contract documents.
2. Review and coordinate pricing with Alternate Section (multiple alternates relate to this contract)
3. This contract includes the complete foundation systems for all pole lighting, bollard lights and stadium lighting. Including excavation, backfill, concrete, reinforcing, setting all anchor bolts and spoils removal.
4. Provide all electrical raceways and wiring for the well pumps as located on the contract documents. (two locations)
5. Provide electrical raceways and power wiring to the E1 building. (see alternate section)
6. Lightning protection shall be provided by this contract and coordinated with the Carpentry contractor and Roofing Installer.
7. This contractor to supply power to all areas of work of other trades requiring electrical power.
8. Provide complete infrastructure system for all Division 27 and Division 28 systems. Including all interior and exterior duct banks, raceways and sleeves for special systems.
9. This contractor shall include in the base bid temporary exterior lighting installed and maintained to provide lighting adequate for safety and security purposes for the exterior of the building. The lights must be installed to meet the requirements for exterior use and illuminated during low light hours. These lights will be utilized until permanent exterior lighting has been installed and powered. Supplying the temp power for this lighting is part of this contract. Include providing

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temporary power and lighting as needed for the entire duration of the project. This include the necessary power outlets required for all contractor use. Power must be available within a reasonable distance at all times.

10. Division 23 of the specifications should be reviewed as it relates to the power wiring and other requirements for HVAC equipment including the coordination of furnishing and installing motor starters and controllers as detailed in the Specifications and on the Drawings.
11. This contractor shall provide all conduits, raceways and boxes required for all special systems, including ATC controls, thermostat and sensor installation and security systems and CCTV. Including any raceways or conduits required by the Div 27 and 28 Special Systems Contractor
12. The HVAC contractor will supply all VFD's to the electrical contractor for installation and powering.
13. Provide all smoke damper, power and remote controllers as required by the contract documents.
14. Excavation and backfill for underground electrical work as required below is the responsibility of this Contractor. Soil types shall be in accordance with project specifications and the Geo-Tech report. Geo-Tech reports included for review and acceptance.
15. Backfilling is the responsibility of this Contractor. Soil types shall be in accordance with project documents. It is the intent to use on site material and not imported fill. The use of this on site material shall conform to the compaction requirements identified in Section 312300. Excavated materials shall be covered immediately and protected from moisture mitigation. If Materials become unusable, this contractor shall own purchasing acceptable off site materials.
16. Provide all excavation, layout, concrete, reinforcing for duct banks, light standards, pole lighting, bollard lighting and Stadium lighting, above ground conduit encasement, equipment bases and any other concrete work specifically related to the electrical work. This shall include services from the roadways and all communication duct banks as required. Include requirements of New Castle County, State and local codes for concrete encasement.
17. All runs in exposed ceilings are to be in conduit.
18. All exterior underground raceways and infrastructure are to be installed by this contractor as required by the contract documents. (Cameras, security, electric etc.)
19. Temporary electric installation, maintenance and removal. Refer to Division 1, Specification Section 015113 - TEMPORARY ELECTRIC, for additional information.
20. Power Centers for miscellaneous tools and equipment used in the construction work shall be provided with a minimum of four 20-amp, 120 volt grounding type outlets. Each outlet shall be provided with ground fault detecting circuit breaker protection. The distance between each receptacle location shall not exceed 50 feet.
21. Construction areas, ramps, runways, corridors, offices, and storage areas shall be lighted to not less than the minimum illumination intensities at five (5) foot candles and any additional OSHA

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Temporary lighting and receptacles exposed to wet or damp locations must be weatherproof. Adequate lighting for safe working conditions and the exterior of the structure shall be provided and maintained on a 24 hour per day basis throughout the building. Voltage of each lighting component must be able to accommodate lighting requirements.

22. Rough in and final connection and related work for equipment provided under other contracts (i.e. , HVAC, sprinkler, motorized doors, vertical walls, etc.)
23. Provide all permits and inspections. Pay all fees associated with the permits and inspection.
24. Penetrations through walls, floors, etc. including cutting, patching and fire safing.
25. Testing of all systems, as related to the scope of work for this contract shall be provided. Reporting and verification documentation shall be supplied to NCCVT and EDiS.
26. This contractor shall provide all supplemental hangers and fasteners for lighting installation to the building structure.
27. All runs in exposed ceilings shall be installed in conduit.
28. Clean up on a daily basis shall be provided by this contractor. All work areas shall be organized and cleaned up to the dumpsters each day.
29. The Concrete Contractor shall furnish, install and maintain stone fill under slab. The Sitework Contractor shall leave the building pad site at subgrade required by the contract documents in preparation to receive stone fill. The Mechanical and Electrical Contractors shall complete their work under the slab on grade and shall be responsible to return the pad to the subgrade elevation left by the Sitework Contractor. The Concrete Contractor shall then adjust the select material to final subgrade, fine grade the slab and place the vapor barrier and stone fill. Note: while working on the building pad area this contractor shall utilize track drive equipment only. No rubber tire equipment will be allowed. Preservation of the building pad shall be the responsibility of this contractor. The onsite testing and inspection agency provided the owner will monitor the excavation, travel and backfilling operation.
30. The electrical, and concrete contractor and CM will meet to review the building pad for turnover to the next trade. If not accepted correction will need to be made to correct concerns and sign off.
31. Note: all raceways are to be installed into the subgrade soils and shall have adequate cover for protection from traffic above. No raceways will be installed in the stone base provided by the concrete contractor.
32. All guarantees and warranties to begin at the substantial completion of the entire project. Maintain equipment prior to substantial completion.
33. Hoisting, rigging and scaffolding required to perform you scope of work shall be provided by this contractor.
34. Provide a complete fire alarm system. Water flow devices are supplied and installed by the

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Sprinkler Contractor and wired by this Contractor. Include tie-in to fire sprinkler flow and tamper switch. (fire dampers, smoke detectors, remote testing switches are all part of this contract)

35. Provide all heat tracing and insulation systems as required.
36. Coordinate closely with the work of the Special Systems contractor. This contract (electrical) provides all infrastructure, conduit and raceways required for the Special Systems work. Provide pull strings and boxes for all systems. (voice, data, communication, fire alarm, AV systems, Audio systems, and public address system, clock system etc.) Include all required sleeving, sealing and fire sealing for raceways and conduits through walls, floors, ceilings etc. for this work.
37. This contract shall provide and install wire mesh cable tray if indicated.
38. This contractor shall provide and install 4' conduits as shown for low voltage distribution.
39. This contractor shall provide and install 2' conduits into each space above the ceiling for low voltage distribution.
40. Coordinate, review and fully understand and integrate all cable tray, raceways and infrastructure interior or exterior that may be indicated on all contract documents including the T series drawings.
41. Lightning protection with master UL certification. Coordinate with the Carpentry and Roofing contractors.
42. Coordinate and provide a complete grounding system for the entire project. This includes but is not limited to the building columns, interior spaces, exterior wall assemblies, Electrical rooms, IDF and IDF rooms) and provide any testing and reports required.
43. As-built drawings in both hard copy, electronic and final BIM modelling per contract documents.
44. Provide rough-in and final connection and related work for equipment provided under other contracts (i.e. kitchen, HVAC, sprinkler, motorized doors, etc.). Provide power to automatic hardware. Low voltage wiring from the controller to hardware shall be provided by the Doors, Frames and Hardware Contractor. Include power panels and power supplies supplied by other trades.
45. Provide complete infrastructure( raceways, pull strings and boxes) for video surveillance systems.
46. This contractor shall include within their bid the incorporation of **150** hours of CO OP participation by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C.ch.5
47. Perform certification testing for all wiring and systems supplied by this contract scope.
48. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license that encompasses the entirety of this project. The cost of this license is \$1,500 and shall be included in your base bid proposal.

49. Provide access doors and frames for all access to Structured Cable components or equipment that require routine or periodic maintenance. Installation of access doors and frames provided by the Metal Stud & Drywall Contractor. (provide (5) 2'x2' access panels within your base proposal)
50. Provide pricing for alternates as described in Section 012300-Alternates.
51. Include within this contracts base bid an allowance of \$25,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

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CONTRACT NO. E-17: SPECIAL SYSTEMS

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|                |                                        |
|----------------|----------------------------------------|
| Division 0     | Bidding and Contract Requirements      |
| Division 1     | General Requirements                   |
| Division 26    | Electrical (coordination of work)      |
| Section 078400 | Firestopping                           |
| Section 079200 | Joint Sealants                         |
| Section 270500 | Telecommunications Pathways and Spaces |
| Section 271000 | Structured Cabling                     |
| Section 272000 | Network Equipment                      |
| Section 280501 | Security Pathways and Spaces           |
| Section 281000 | Intrusion Detection System             |
| Section 281100 | Access Control System                  |
| Section 282000 | Video Surveillance System              |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete Special System package as to include but not limited to, structured cabling, network equipment, AV systems, intrusion detection, access controls and video surveillance
2. Telephone and voicemail system including telephone handsets and patch cables from device to jack will be provided by owner.
3. The electrical contractor shall provide and install the fire alarm system, this contractor (Special Systems) will wire fire alarm terminations, and programming of electrified hold open hardware. Low voltage power to electrified hold open hardware provided by this contract. Hold open hardware provided by Carpentry and General Work Contractor.
4. Provide complete intrusion system.
5. Provide access control and security management system complete. Provide coordination with door and frame installation for a complete system. The contractor responsible for supplying the doors, frames, and hardware shall provide all wiring and accessories from the power supply (or junction box) to the door hardware. The contractor responsible for installation of doors and hardware shall provide terminations from door hardware to door whip, from door whip to power transfer, and from frame whip to power transfer. Frame whip shall be secured and protected by the door, frame, and hardware contractor(s) for the direct access of the Special Systems Contractor. Termination of the frame whip to the power supply (or junction box) shall be provided by the Special Systems Contractor. Power supply shall be furnished by the door, frame, and hardware contractor(s) and installed by the Special Systems Contractor. The Special Systems Contractor shall provide low-voltage wire from the card reader to the access controller, from the status switch (door contact) to the access controller, from access controller to the power supply(or



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junction box), and from power supply (or junction box) to power supply (or junction box) as necessary. The Electrical Contractor is responsible for providing 120v circuits to all power supplies and/or transformers as indicated in the documents. The Electrical Contractor shall provide conduits, device boxes, raceways, and pull strings for low-voltage wiring at doors receiving electronic, security, or access control hardware. Electrical contractor shall provide a junction box above each door scheduled to receive a card reader and a pathway & pull string. A mock-up shall be field installed and coordinated by all related Contractors for review prior to commencing work.

6. Provide a complete CCTV - Network Digital Video surveillance System.
7. Provide all patch cords from communication port (jack) to each device included in this Contractor's scope. Patch cords at source (MDF/IDF) from patch panel to network switch provided by owner.
8. Provide all patch cords for switches.
9. Supply and install any fiber lines need for a complete installation including terminations.
10. Provide all testing of all installations.
11. Provide and install the racks, switches, uninterrupted power supplies etc. for a complete installation.
12. Coordinate all WAP's as per the specifications if supplied by the owner, install if not supplied provide and install under this contract.
13. This contractor shall own all notes as per the T series drawings unless note otherwise in the scope of this contract or the electrical contract.
14. Provide coordination of the work of this contract with the Electrical including final equipment locations. This contractor must coordinate with Electrical Contractor as indicated on the drawings and as specified. The Electrical Contractor shall provide all device boxes, conduit and pull strings to circuits for special systems as indicated and also to provide 120 Volt circuits for all Special Systems. This Contractor will be responsible for providing independent support systems, as indicated in the specifications, for all cable and wiring installed by this Contractor in locations where pathways and raceways are not required by the documents. All runs of cable/low voltage in open areas shall be installed in conduit. If raceways are required for the scope of this contract and they are not identified, this contractor shall provide.
15. This contract includes all Division 0 and Division 1 General Requirements. All commissioning requirements are identified in Division 1 and are a requirement of this contract.
16. This contractor shall be on site to coordinate when walls are being installed for penetrations and sleeve installations. If penetrations and sleeves are missed, this will be the responsibility of this contractor to cover associated costs of fixing.
17. Provide access doors and frames for all access to Special Systems components or equipment that require routine or periodic maintenance. Installation of access doors and frames provided by the



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Metal Stud & Drywall Contractor.

18. Provide all network cabling including wiring, devices, and terminations to communication devices identified in plans and referenced on "Communications Outlet Configuration" chart on Drawing E-501. Two (2) terminations should be provided (1) at the source (MDF/IDF patch panel) and (1) at the communication port (jack) in all instances.
19. This contract shall provide communication wiring from the (3) access control panels to the source (MDF/IDF patch panel) including terminations on both ends. Location of access control panels to be coordinated with the documents and the Construction Manager prior to installation.
20. This contractor shall provide communication wiring from the intrusion control headend to the source (MDF/IDF patch panel) including terminations on both ends. This communication wiring shall include (1) dedicated POTS line from the MDF room to the intrusion control dialer. Location of intrusion control headend to be coordinated with the documents and Construction Manager prior to installation.
21. This contractor shall provide communication wiring from the Fire Alarm Control Panel (FACP) to the source (MDF/IDF patch panel) including terminations on both ends. This communication wiring shall include (2) dedicated POTS line from the MDF room to the FACP dialer(s). Location of FACP to be coordinated with the documents and the Construction Manager prior to installation.
22. This contractor shall supply communication wiring from the intercom/public address amplifiers to the source (MDF/IDF patch panel) including terminations on both ends. Location of amplifiers to be coordinated with the documents and the Construction Manager prior to installation. Contractor should assume (3) amplifiers, one located in each MDF/IDF.
23. This contractor shall provide communication wiring from the Building Management System headend to the source (MDF/IDF patch panel). Location of Building Management System headend to be coordinated with the documents, the Mechanical Contractor, and the Construction Manager prior to installation.
24. Provide installation for all wireless access points furnished by owner. Patch cords from device to communication port (jack) provided by this Contractor.
25. Provide penetrations through walls, floors, etc., including cutting, patching and fire safing.
26. Provide all design and coordination necessary to provide complete systems.
27. Provide and coordinate for inspections and testing.
28. Provide fire resistive sealants for the work of this contract.
29. Provide pricing for alternates as described in Section 012300-Alternates.
30. Provide video documentation of training on systems.
31. Provide at least a 48 hour notice prior to any delivery. All deliveries are to be between 7:00 AM

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and 3:30 PM.

32. This is not a secure site. All contractors are responsible for concealing, locking and/or removing any materials on a daily basis. NCCVT and EDiS will not be responsible for any lost tools, materials or equipment.
33. This contractor must provide a silica exposure plan that meets or exceeds the new 2017 silica OSHA requirements before any work can commence. At a minimum, it must be incorporated into the company safety plan, include all monitoring, testing, limits exposure, provide respiratory plan and/or equipment modifications such as adding water to equipment during exposed work and keep records of exposure.
34. Contractor must provide additional crews as needed to maintain the project schedule.
35. This contractor shall include within their bid the incorporation of 75 hours of CO OP participation by a NCCVT student. Contractor to comply with project documents and requirements set forth in 19 del. C
36. Provide all BIM services as specified in Section 013700 BIM Execution Plan. As part of the coordination process all contractors are responsible for obtaining a Revizto license that encompasses the entirety of this project. The cost of this license is \$1,500 and shall be included in your base bid proposal.
37. Complete Stadium Sound Systems as per Design Documents
38. Include within this contracts base bid an allowance of \$20,000 for work to be determined by owner and construction manager. Unused allowance funds to be returned to the owner.

**ADDENDUM NO. 1**

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CONTRACT NO. E-18: FINAL CLEANING

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials, and equipment for:

Technical Sections:

|            |                                   |
|------------|-----------------------------------|
| Division 0 | Bidding and Contract Requirements |
| Division 1 | General Requirements              |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. The work of this contract shall include the final cleaning of both the Buildings listed in BP-E and the final cleaning of the New Hodgson Vo-Tech H.S. Documents for the New HS will be listed in Attachment #3 in the drawing set.
2. The New Hodgson HS building will be available for review if the bidders desire. The construction will not be complete and there is no implied references to anything other than the contract documents. If you wish to walk the building under construction, contact Hayley Savage at [hsavage@ediscompany.com](mailto:hsavage@ediscompany.com) or Kevin Lucas at [klucas@ediscompany.com](mailto:klucas@ediscompany.com)
3. Clean all window units, interior and exterior. (provide all lifts and equipment to access the windows) No equipment will be allowed in grass or planting areas, only on paved surfaces.
4. Protection of existing surfaces, floors, walls, grass etc. is the responsibility of this contractor.
5. Clean interior door glass, side glass, vestibules, and entrance doors.
6. Vacuum all floor areas, i.e., carpet, vinyl floor, ceramic tile, epoxy floor, seamless floors, etc.
7. Wax all flooring products that have Mfg. recommendation requiring waxing, Apply 2 coats of wax, coordinate the type of wax with NCCVT prior to starting any waxing operation. **This contractor to provide two (2) coats of wax as described on all Quartz tile and Terrazzo flooring. (Addendum No. 1)**
8. Clean and polish the following areas:
  - a. Casework and cabinets - interior of units and exterior of units, complete
  - b. Countertops
  - c. Soffits
  - d. All woodwork, i.e., railings, baseboards, doors, etc.
  - e. Science casework and fixtures. (include hood assembly)
  - f. Vinyl base
  - g. Wall protection system
  - h. Ceramic tile walls
  - i. Miscellaneous metals
  - j. Window frames
  - k. Metal lockers
  - l. Kitchen equipment, coolers, freezers, exhaust hoods etc.

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- m. Clean and polish all cleanouts and drains
- 9. Wet mop/clean and polish vinyl floors, epoxy flooring, seamless floors, Terrazzo floors per manufacturer's recommendations.
- 10. Prior to cleaning and polishing any surfaces this Contractor shall confirm the cleaning requirements from the manufacturer's literature provided for each separate surface. All cleaning should conform to these requirements.
- 11. Clean and polish all plumbing fixtures, i.e., sinks, showers, tubs, toilets, etc.
- 12. Dust all lighting fixtures (Note: Do not touch light fixtures with bare hands)
- 13. Clean and polish all stainless steel hardware, doors, equipment, sinks, etc.
- 14. Provide a final cleaning of the kitchen prior to all inspections ( Include two separate cleanings)
- 10. Include multiple trips to complete scope as follows: Include (6) Phases of cleaning to be determined by owner and CM. This includes full remobilization costs, including equipment, manpower and supplies.
- 11. This contractor shall include an Allowance of \$30,000 for work to be determined by the CM and NCCVT. Any allowance dollars not utilized will be returned to the owner.

CONTRACT NO. E-19: GENERAL LABOR AND CLEAN-UP

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

Technical Specification Sections:

|            |                                       |
|------------|---------------------------------------|
| Division 0 | Procurement and Contract Requirements |
| Division 1 | General Requirements                  |

This contract also includes, but is not necessarily limited to, all labor, materials, and equipment for the following:

1. This contractor shall provide General labor to the project the direction of the owner and project manager.
2. Include within the Base Bid for this contract a \$7,500 allowance for material handling tools. To include but not limited to, wheeled bins for trash removal, shovels, brooms, trash bags etc. purchased materials shall be tracked with receipts and verified. Any funds left unspent will be returned to the owner via credit change order. (all tools purchased under this allowance shall be organized and turned over to the owner at completion of the work)
3. The contract shall include a total 5000 7000 **(Addendum No. 1)** manhours of general labor to be scheduled by the Construction Manager. The work will start February 2026 and the duration of the coverage could extend to ~~15 May~~ **July 2027.** **(Addendum No. 1)** This work may be scheduled anytime within the scheduled date range without penalty or additional costs to NCCVT or the CM. These hours may be utilized for Phase II or Phase I work.
4. The contract shall include a total 3000 manhours of general labor to be scheduled by the Construction Manager. This portion of work will be associated with moving equipment, furniture, loose items and debris from the existing school and new building as directed. The crew size required will be in the range of (10) laborers per day for a period of 25 days. **during this work The initial 10 man crew will mobilize on site early June 2026 to begin removal of loose furniture and items from the existing school. 10 men will be required for 25 calendar days straight.** **(Addendum No. 1)** The remaining hours will then be scheduled on an as needed basis. The work will start June 2026 and the duration of the coverage could extend to 15 May 2027. This work may be scheduled anytime within the scheduled date range without penalty or additional costs to NCCVT or the CM. These hours may be utilized for Phase II or Phase I work.
5. A unit price will be provided by this contractor that will pertain to any hours that may be deducted or added to this contract. Any hours not utilized under this contract will be returned to the owner at the identified unit cost amount per hour.
6. Pay Applications each month will be backed up with daily tickets and a complete accounting of the monthly hours utilized. Field Superintendent or hid designated representative shall sign all daily tickets.
7. The owner and CM have the right to request replacement of any personnel provided to service this

contract, without obligation or explanation.

CONTRACT NO. E-20 FLAGGER ENTRANCE PROTECTION

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

|            |                                       |
|------------|---------------------------------------|
| Division 0 | Procurement and Contract Requirements |
| Division 1 | General Requirements                  |

This contract also includes, but is not necessarily limited to, all labor, materials, and equipment for the following

1. This contractor to provide a traffic Maintenance/Flagger individual **or individuals as required** to manage the entrance and exit traffic at the New Hodgson HS project as directed by the Construction Manager.
2. This contractor shall supply the flagger with all necessary flagger materials, pedestrian and vehicular signage/placards and required PPE as required to perform the task of maintaining vehicular and pedestrian access to the project sight or any area withing the site directed by the CM.
3. The contract shall include a total of 1500-man hours of flagger coverage, to be scheduled by the Construction Manager. The work will start June 15, 2026 and the duration of the coverage could extend out to May 30, 2027. This work may be scheduled anytime within the scheduled date range without penalty or additional costs to NCCVT or the CM.
4. A unit cost will be provided by this contractor that will pertain to any hours that may be deducted or added to this contract. (see Unit Cost section)
5. This individual must be trained and certified to perform the duties of a traffic maintenance flagger. This individual must also be OSHA 40 Certified.
6. All flaggers that will be utilized for this contract shall be trained and certified by one of the following recognized flagger certification programs.
  - American Traffic Safety Services Association (ATSSA) Flagger Certification Program – In classroom Training.
  - American Traffic Safety Services Association (ATSSA) Flagger Certification Program – Online Flagger Training Program.
  - OnlineFlagger.com – Online ATSSA Flagger Training Program.
  - Laborer’s International Union of North America (LIUNA) Work Zone Safety Program, provided by the Construction Craft Laborers Training and Apprenticeship Fund of New Jersey and Delaware – includes flagger certification and Traffic Control Supervisor certification.
  - Delaware Safety Council Flagger Certification program.
7. Provide in the base bid \$10,000 allowance for work as directed by the Construction Manager.

**CONTRACT NO. E-21 – JOINT SEALANTS AND PREFORMED JOINT ASSEMBLIES**  
**(Addendum No. 1)**

- A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials, and equipment for:

Technical Specification sections:

|                |                                   |
|----------------|-----------------------------------|
| Division 0     | Bidding and Contract Requirements |
| Division 1     | General Requirements              |
| Section 078400 | Firestopping                      |
| Section 079100 | Preformed Joint sealants          |
| Section 079200 | Joint Sealants                    |

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide required caulking at control and construction joints.
2. Provide all preformed joint sealant products if indicated on the documents.
3. Provide caulking of masonry to masonry.
4. Provide within your Base Bid proposal (80) man hours and \$3000 in materials to be utilized for Misc. fire safing and Fire sealants that may be required due to agency walk throughs and inspections. This work shall only be authorized by NCCVT or EDiS. Any remaining funds shall be returned to the owner via credit change order.
5. Provide caulking of vertical joints on exterior metal panels to adjacent materials ( Metal Panel contractor to provide sealants and caulking between panels and as required to seal their assembly, including where metal panels sit on masonry.)
6. Provide caulking related to interior glazing. Caulking of interior perimeter of new aluminum windows, storefront and curtainwall to finished surfaces to be provided by this contract.
7. Provide caulking of exterior perimeter of hollow metal door frames, including overhead doors.
8. Provide caulking of interior perimeter of hollow metal door frames to masonry. (HM frames to drywall shall be provided by the Painting contractor)
9. Provide caulking of all hollow metal frames to the floor. Coordinate caulking with flooring materials.
10. Provide caulking of all interior exposed drywall to masonry and metal wall panels.
11. Provide caulking at the tops and bottoms of all exterior and interior column covers.



**ADDENDUM NO. 1**

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12. Provide caulking of all interior exposed concrete slab control joints, expansion joints and perimeter slab to walls.
13. Provide caulking for interior perimeter of sinks, urinals, toilets, bath accessories, toilet partitions, fire extinguisher cabinets, hose reel cabinets, gas cabinets and any other accessories identified on the contract documents. (work as indicated on contract documents)
14. Provide caulking of joints in ceramic tile areas, including and ceilings.
15. Examine areas and conditions where joint sealers are to be installed and correct any conditions detrimental to the proper and timely completion of this scope of work. Do not proceed with work until unsatisfactory conditions are corrected to permit proper installation.
16. Provide mock ups of all products and adhesion tests for exterior caulking.
17. Provide custom colors or all caulks and sealants.
18. Protection and cleaning of adjacent surfaces to be the responsibility of this contractor.
19. This contractor shall include the Pollution Insurance coverage as specified in the contract documents.
20. This is not a secure site, the contractor is responsible for the safe storage of all of their materials. NCCVT and EDiS will not be responsible for lost or stolen materials
21. All subbase preparation, priming etc. to be performed before caulking is applied.
22. Include within this contracts base bid an allocation of \$10,000 for work to be determined by owner and construction manager. Unused allocation funds to be returned to the owner by means of a credit change order.

END OF SECTION

SECTION 012200 - UNIT PRICES

1. GENERAL PROVISIONS

- A. The general provision of the Contract, including the Conditions of the Contract (General, Supplementary and other conditions, if any) and Division 1 as appropriate, apply to the Work specified in this Section.
- B. Refer to provisions in AIA Document A232 – 2019 EDITION, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CONSTRUCTION MANAGER AS ADVISOR EDITION, for requirements in addition to those specified in Division 1.
- C. For work being constructed under separate prime contract, provisions of this Section apply to each contract being bid.

2. BASE BID

- A. The Base Bid shall consist of all work shown or specified in the Contract Documents, exclusive of any Additive Unit Prices specified herein.
- B. The Base Bid shall include all work in any Subtractive Unit Prices specified herein.

3. UNIT PRICES

- A. State in the Bid Form the amount to be added to (or subtracted from) the Base Bid per unit of measurement for each Unit Price specified. State this amount to include all overhead and profit. No surcharge in addition to the Unit Price listed will be permitted.
- B. See Section 002113, INSTRUCTIONS TO BIDDERS for related information.
- C. For description of Unit Prices requested, refer to the specification. The method of stating the Unit Prices is described in the Bid Form.
- D. Where both add and deduct unit prices are requested, there shall not be more that a 10% variation between the two.

4. APPLICATION OF UNIT PRICES

- A. Unit prices stated in the Bid Form will apply from the time the Bid is submitted until Contract completion.

5. MEASUREMENT OF QUANTITIES

- A. Quantities shall be determined by field measurement by contractor personnel and as verified by the Construction Manager.

- B. At the Contractor's option, and at his expense, measurements may be made by a registered surveyor.

6. LIST AND DESCRIPTION OF UNIT PRICES

**Unit Price No. 1**

A unit price will be provided by this contractor that will pertain to any hours that may be deducted or added to this contract. Any hours not utilized under this contract will be returned to the owner at the identified unit cost amount per hour. **(Addendum No. 1)**

END OF SECTION

SECTION 012300 - ALTERNATES

1. GENERAL PROVISIONS

- A. The general provisions of the Contract, including the Conditions of the Contract (General, Supplementary and other conditions, if any) and Division 1 as appropriate, apply to the Work specified in this Section.
- B. Refer to provisions in AIA Document A232 – 2019 Edition, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CONSTRUCTION MANAGER AS ADVISOR EDITION, for requirements in addition to those specified in Division 1.
- C. For work being constructed under separate prime contracts, provisions of this Section apply to each contract being bid.

2. BASE BID

- A. The Base Bid shall consist of all Work shown or specified in the Contract Documents, to which Work may be added or from which Work may be deleted for sums stated in Alternate Bids (if any are required to be stated in the bid).
- B. The Base Bid shall include all work in any Subtractive Alternates specified herein.

3. ALTERNATES

Alternate No. 1: Add stadium lighting at main stadium and field.

Alternate: Provide Athletic Field Lighting for the stadium including, but not limited to fixtures, poles and foundations, control panels and all associated wiring. Conduit rough in shall be included in base bid.

Alternate No. 2: Add field lighting to existing practice turf field.

Alternate: Provide Athletic Field Lighting for the existing practice turf field including, but not limited to fixtures, poles and foundations, control panels and all associated wiring. Conduit rough in shall be included in base bid.

Alternate No. 3: Provide Building E1 work associated with your contract scope.

Alternate: Provide all work related to the construction of Building E1 as defined by the contract documents and as associated with your individual contract scopes of work.

**The construction of Building E-1 must be coordinated with NCCVT for access and storage. For bidding purposes contractors should include storing all materials and equipment on the Phase II side of the project. School will be in session when E1 is constructed and the school's operation cannot be interrupted. Daily cleanup and**

**removal of debris/trash is mandatory. Contractors should figure parking at the Phase II portion of the project and carpooling over to the E1 building location. (Addendum No. 1)**

Alternate No. 4: Provide Building E5 work associated with your contract scope.

Alternate: Provide all work related to the construction of Building E5 as defined by the contract documents and as associated with your individual contract scopes of work.

Alternate No. 5: Mechanical Preferred Vendors

Alternate: Additional cost to provide mechanical equipment by vendors utilized in the main school to provide continuity of products as indicated below:

| <b>EQUIPMENT</b>                     | <b>PREFERRED VENDOR</b> |
|--------------------------------------|-------------------------|
| ERV's                                | Venmar                  |
| Unit Heaters (Hydronic)              | Rittling                |
| Unit Heaters (Electric)              | Markel                  |
| Airflow Monitoring Station           | Air Monitor Electra-Flo |
| Electric Radiant Heat Panels         | Markel                  |
| Ductless Split System                | Samsung                 |
| Automatic Temperature Control System | Radius Systems          |

Alternate No. 6: Plumbing Preferred Vendors

Alternate: Additional cost to provide plumbing equipment by vendors utilized in the main school to provide continuity of products as indicated below:

| <b>EQUIPMENT</b>                       | <b>PREFERRED VENDOR</b>      |
|----------------------------------------|------------------------------|
| Gas-Fired Water Heaters                | A.O. Smith                   |
| Domestic Water Expansion Tank          | Bell & Gossett               |
| Domestic Re-Circ Pump                  | Bell & Gossett               |
| Backflow Preventers                    | Zurn (Double check and RPZs) |
| Water Meter                            | Niagara                      |
| Hose Bibb                              | Chicago Faucet               |
| Trap Primer Stations                   | PPP                          |
| Plumbing Fixtures and faucets          | Zurn                         |
| Mop Sink                               | Stern Williams               |
| Service Sink (SS)                      | Elkay                        |
| Floor Drains/Sinks                     | Zurn                         |
| Hydrants (Exterior, Interior, Roof)    | Zurn                         |
| Water Coolers (integral bottle filler) | Elkay                        |
| Shower Controls                        | Powers                       |
| Gas Pressure Regulator                 | Maxitrol                     |

Alternate No. 7 - Electrical Preferred Vendors

Alternate: Additional cost to provide Electrical Distribution Equipment by vendors utilized in the main school to provide continuity of products as indicated below:

| <b>EQUIPMENT</b>                  | <b>PREFERRED VENDOR</b> |
|-----------------------------------|-------------------------|
| Electrical Distribution Equipment | Siemens                 |

**Alternate No. 8: Audio system basis of design to be audio system mounted on the press box.**

Alternate: Provide all work related to the construction of a pole mounted audio system that would be mounted on the Stadium Lighting poles as defined by the contract documents and as associated with your individual contract scopes of work. **(Addendum No. 1)**

END OF SECTION

SECTION 015113 - TEMPORARY ELECTRICITY

1. GENERAL

A. RELATED WORK SPECIFIED ELSEWHERE

1. Electrical Basic Materials and Methods, Division 26.

B. ~~DESCRIPTION OF SYSTEM~~

~~The electrical contractor shall supply temporary power and lighting to the location of the New Field House only.~~

~~All contractors shall include in their base bids providing their own temporary power for the work of their contracts.~~ (Addendum No. 1)

1. Power Source Temporary power will be fed from the new Hodgson HS electrical supply. The electrical contractor Contract E-16 shall include getting the power to the field house to provide temporary power.

- a. Suppliers:

- b. The Electrical Contractor] shall provide the available power service from the new school to the Phase II Field House. The temporary electrical power distribution system shall be sufficient to accommodate temporary lighting, and construction operations, including the use of power tools, and start-up of specified building equipment which must be tested started or placed into use prior to completion of the permanent electrical power distribution system.

- c. The Electrical Contractor will make all arrangements for bringing the power supply to the site and for installation of appropriate temporary equipment required to provide for the power supply in 1.B.1.b, above.

- d. The source will be adequate to service temporary electrical needs of the proposed construction.

2. Electrical Service

- a. The Electrical Contractor will bring a source of temporary power to the building pad following construction of the building foundations and slabs. Each Contractor is responsible for providing their own temporary power source and associated fuel until the temporary electrical service is installed.
  - b. Prior to issuance of the Notice to Proceed for the electrical contract, the Construction Manager will be responsible for providing temporary electrical service as provided in 1.B.2.c, below. After issuance of the Notice to Proceed for the electrical contract, the

Electrical Contractor shall become responsible for maintaining all electrical power supply and service facilities installed by the Construction Manager. The Electrical Contractor shall also, from that date forward, be responsible for providing and maintaining temporary electrical service to the site as provided in 1.B.2.c, below.

- c. A meter farm will be setup near the trailer lot for each Contractor to connect to. Each Contractor will be responsible to pay for all costs associated with providing electrical service from the meter farm/power source to their respective office trailer, temporary storage facilities or temporary construction buildings as appropriate. Each Contractor will be responsible to setup service with the utility company, provide a meter, and pay for their electrical supply costs.
- d. The Electrical Contractor) as provided in 1.B.2.b, above, shall install temporary electric service for items below, throughout the construction period.
  - (1) Power Centers for miscellaneous tools and equipment used in the construction work shall be provided with a minimum of eight 20-amp, 120-volt grounding type outlets. Each outlet shall be provided with ground fault circuit interruptor (GFCI) protection. Maximum 20-amp circuit breakers with four (4) receptacles per circuit breaker. The Power Centers shall be NEMA weatherproof enclosures and will be located on each level of construction, spaced so that the entire area of construction can be reached by power tools on a single extension cord of 50' maximum length.
  - (2) Construction areas, ramps, runways, corridors, offices, shops, and storage areas shall be lit to not less than the minimum illumination intensities of ten (10) foot candles measured at the floor level, and any additional OSHA requirements. Adequate lighting to include weatherproof and waterproof fixtures for safe working conditions and the exterior of the structure shall be provided and maintained on a 24-hour per day basis throughout the building. A minimum of one (1) lamp per room. Voltage of each lighting component must be able to accommodate lighting requirements.
  - (3) Temporary Exterior lighting shall be provided and maintained on a 24-hour per day basis. Exterior lighting is to be located at each exterior entrance to the building.
  - (4) Provide temporary generators to maintain power and lighting to the site when the electrical system is being transitioned from temporary to permanent.
  - (5) Power for testing and checking equipment must be supplied.

### 3. Capacity

- a. All electrical power supply and service lines installed shall be of adequate capacity for construction use by all trades during the construction period at the locations necessary.
- b. The Electrical Contractor shall notify the Power Company if unusually heavy loads, such as welding units, are anticipated.



**4. Power Costs**

- a. The Owner will pay all costs of temporary electrical power used during construction excluding power for subcontractor trailers to be paid on an individual basis.
- b. The Owner will pay all costs of power used in the permanent wiring.  
(Addendum No. 1)

**C. REQUIREMENTS AND REGULATORY AGENCIES**

1. The Electrical Contractor will obtain permits as required by local governmental authorities.
2. The temporary electrical service shall comply with National Electrical Code, 1990 **Current** Edition and applicable local codes and utility regulations. (Addendum No. 1)

**D. USE OF PERMANENT SYSTEM**

1. The Electrical Contractor shall regulate any part of the permanent electrical system which is used for construction purposes to prevent interference with safety and orderly progress of the Work.
2. Contractors shall leave permanent electrical services in a condition as good as new and clean.
3. If the permanent electrical system is used for electrical power, each Contractor will be responsible for providing ground fault circuit interruption (GFCI) devices for plugging in any of their tools or equipment.  
(Addendum No. 1)

**2. PRODUCTS**

**A. MATERIALS**

1. General
  - a. The materials may be new or used, but must be adequate in capacity for the purposes intended and must not create unsafe conditions or violate the requirements of applicable codes.
2. Conductors
  - a. Use wire, cable, or busses of appropriate type, sized in accordance with the National Electrical Code for the applied loads.
  - b. Use only UL labeled wire and devices.  
(Addendum No. 1)

**B. EQUIPMENT**

1. Provide appropriate enclosure for the environment in which used in compliance with NEMA standards.
2. The Electrical Contractor will provide temporary transformers as may be required to support the incoming electrical service. Coordinate with the utility company.
3. **Electrical Outlets:** Provide properly configured NEMA polarized outlets to prevent insertion of volt plugs into higher voltage outlets, Provide receptacle outlets equipped with ground-fault circuit interrupters, reset button, and pilot light, for connection of power tools, equipment, and GFI breakers. Electrical panels must be NEMA weatherproof enclosures.
4. **Electrical Power Cords:** Provide grounded extension cords; use "hard-service" cords where exposed to abrasion and traffic. Provide waterproof connectors to connect separate lengths of electric cords if single lengths will not reach areas where construction activities are in progress.
5. **Electrical Welding Outlets:** These will not be provided. Each Trade Contractor will be responsible for their own welding power.
6. **Lamps and Light Fixtures:** Provide general service incandescent lamps of wattage required for adequate illumination. Provide guard cages or tempered glass enclosures where exposed to breakage. Provide exterior fixtures where exposed to moisture.

**(Addendum No. 1)**

**3. EXECUTION**

**A. GENERAL**

1. Install all work with a neat and orderly appearance.
2. Make structurally sound throughout.
3. The Electrical Contractor shall provide and pay for maintenance, servicing, operations, and supervision of temporary electrical distribution system. Maintain to give continuous service and to provide safe working conditions.
4. The Electrical Contractor shall maintain and operate the permanent electrical distribution system until time of final acceptance and transfer of operation to the Owner's personnel.
5. The Electrical Contractor will provide power for temporary heaters furnished and installed by the Mechanical Contractor.
6. The Electrical Contractor will provide 24-hour temporary power to any heat trace (installed by others) on temporary water and/or fire lines.

7. Limit lighting installations to intensities which will accommodate normal access and workmanship requirements. If more lighting is needed to install finishes, drywall, painting, etc. the Trade Contractor requiring higher intensity lighting will provide supplementary plug in temporary lighting as needed where their work is being performed.
8. The Electrical Contractor shall maintain and operate the permanent lighting system until time of final acceptance and transfer of operation to the Owner's personnel.
9. Provide dusk to dawn security lights at the Field House and Stadium (provide 3 on poles as directed by the CM)
10. The Electrical Contractor shall replace bulbs that are burned out or substantially dimmed by use.
11. Modify temporary power and light installation as job progress requires.

**B. INSTALLATION**

1. Locate so that interference with storage areas, traffic areas and work under other Contracts is avoided.

**(Addendum No. 1)**

**A-C. REMOVAL**

1. As permanent power distribution system is accepted as substantially complete, either entire system or usable portion thereof, the Electrical Contractor shall make provisions for temporary use thereof and remove unused portions of the temporary power distribution system.
2. As permanent lighting system is substantially complete for each level or usable portion thereof, the Electrical Contractor shall make provisions for temporary use thereof and remove unused portions of temporary lighting system.

**(Addendum No. 1)**

- ~~1.3.~~ Remove all temporary equipment and materials completely upon completion of construction.
- ~~2.4.~~ Repair all damage caused by the installation and restore to satisfactory condition.

END OF SECTION

**SECTION 11 40 00**  
**FOODSERVICE EQUIPMENT**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract including General and Supplementary Conditions and Division 1 Specification Sections apply to this Section.

**1.2 SUMMARY**

- A. Provide all material, labor, equipment and services required to execute and complete all items of work relating to the food service equipment, both existing and new, all as required to make the resulting facility a fully functional and reliable operating unit in accordance with this Specification. All food service equipment shall be furnished as specified, delivered prepaid, unloaded and uncrated, assembled with all components and accessories connected within the equipment, set-in-place in proper location as indicated on the drawings, leveled and fastened to the wall, ceiling or floor as required, left ready for final utility connections. The work shall include:
  - 1. To prevent extended warehousing of all food service equipment, no pre-ordering of equipment is permitted; schedule ordering of the equipment so that warehousing of the equipment shall not be required for longer than 60 days prior to delivery to the site for installation.
  - 2. All food service equipment shall have a manufacturer extended warranty covering parts and labor for a period of two years which shall take effect only after acceptance and beneficial use by the District. All labor shall be performed by a factory authorized and qualified representative.
  - 3. A “complete and thorough” demonstration and start-up for each item of equipment must be conducted by a qualified manufacturer representative in the use, sanitation and maintenance of the equipment.
- B. Furnishing scheduled items of custom fabricated food service equipment as specified utilizing a food service equipment fabricator listed with the National Sanitation Foundation (NSF) for custom equipment fabrication.
- C. Delivery of food service equipment in factory fabricated containers designed to protect equipment and finish until final installation. Delivery of food service equipment shall be coordinated with the construction schedule. If necessary, delivery of the food service equipment shall be by means other than common carrier to expedite delivery and to maintain project schedule.
- D. Warehousing of the food service equipment in a bonded warehouse and re-delivery of the food service equipment from the storage facility to the project site or arrangement for secured storage at the project site to assure availability of the food service equipment to maintain project schedule.
- E. Field installation of the food service equipment including buy out equipment at the project site including on site receiving and unloading, uncrating from packing containers, conveyance of the

food service equipment from the receiving area to the installation location, erection and assembly of the food service equipment including field welding and polishing of sub assemblies and installation of fixtures and components and setting in place in final location.

- F. Removal and disposal of discontinued items of food service equipment not to be reused including costs for transport and scrapping. This shall include pump-down and reclaim of refrigerant and fire system propellant and disposal costs of all refrigeration systems as required. Utility disconnection and termination of utility services shall be provided by the Plumbing, Electrical and Mechanical (HVAC) Trades.
- G. Removal and disposal of discontinued items of food service equipment not to be reused including costs for transport and scrapping. This shall include pump-down and reclaim of refrigerant and disposal costs of all refrigeration systems as required. Utility disconnection and termination of utility services shall be provided by the Plumbing, Electrical and Mechanical (HVAC) Trades.
- H. Removal, cleaning, servicing, reassemble and reinstallation of items of food service equipment to be reused including warehousing and transportation costs for scheduled items of food service equipment to be refurbished off-site or to be temporarily stored off-site. This shall include pump-down and reclaim of refrigerant and disposal costs of all refrigeration systems as required. Utility disconnection and termination of discontinued services and modification or preparation or relocated utility services shall be provided by the Plumbing, Electrical and Mechanical (HVAC) Trades.
- I. Removal, cleaning, servicing, crating and delivery including costs for transport of items of food service equipment to be reused in an alternate location. This shall include pump-down and reclaim of refrigerant and disposal costs of all refrigeration systems as required. Utility disconnection and termination of utility services shall be provided by the Plumbing, Electrical and Mechanical (HVAC) Trades.
- J. Removal and disposal of all packing material.
- K. All costs for special tools, crane rental or usage cost or rigging as may be required for delivery or installation of the food service equipment.
- L. All work is to be performed by skilled labor utilizing the proper Trades having respective jurisdiction thereto. All work shall be performed at hours required to maintain consistent work schedules with all other Trades without additional cost.
- M. Preparation of dimensioned utility rough-in floor plans coordinated with the Contract Documents and site conditions and the food service equipment manufacturers' utility connection points for all food service equipment.
- N. Assist in the preparation of "chalk-line" mark-up of utility rough-in locations on the building floor at the job site.
- O. Take complete financial responsibility for any and all additional expenses resulting from incomplete or inaccurate rough-in drawings or instructions for the final rough-in dimensioning at the job site.

- P. Provide complete manufacturers' and fabricator shop drawings of all related items of food service equipment.
- Q. Provide competent on site supervision for the coordination of work and to assist and supervise the erection, assembly and installation of the food service equipment, this shall include any moving, shifting or disassembly of the food service equipment to enable work to be performed free of obstruction.
- R. Attend all job conferences and meetings.
- S. Maintaining coordination and control over the form, fit, function and utility requirements of all food service equipment, from placement of purchase orders through Final Acceptance
- T. Provide competent on-site final testing, demonstration and instruction in the use and service of all items of food service equipment in the form of a qualified manufacturer's representative for each item of food service equipment.
- U. Providing access to the custom equipment fabricator's shop for inspection of construction and materials used at any time during the progress of fabrication.
- V. Field verification of all measurements at the project site prior to the fabrication of custom fabricated and buy-out equipment and correct any deviation from the dimensions indicated on any plans and shop drawing which may affect the final form or fit of any item of food service equipment as a result of final building conditions and actual field dimensions.
- W. All food service equipment shall conform to field verified dimensions and to the finished building conditions with edges scribed and sealed to wall surfaces, fitting to and around building obstructions. All joints, seams or surfaces shall be fully sealed with General Electric or equivalent clear silicone sealer.
- X. Field verification of delivery access into and through the building to the final equipment location including access and clearance through hallways, doorways and elevators (cab size and weight restrictions); furnish food service equipment in sections or sub-assemblies as required for access.
- Y. Keeping the premise free from accumulation of waste material and rubbish caused by his work. At the completion of each workday all waste material and rubbish must be removed and all areas swept broom clean.
- Z. Physical damage to equipment, building or previous work completed or in the process of completion shall be repaired or replaced.
- AA. Furnish as part of and affixed to the food service equipment, accessories, components and fixtures furnished standard with the equipment as specified or listed as an option and shall include the following:
  - 1. PLUMBING ACCESSORIES: Pop-up, lever or basket type waste outlets, tailpieces, standing or connected overflows, faucets and spray units, vacuum breakers, shut-off and control valves and fittings.
  - 2. STEAM AND GAS ACCESSORIES: Steam supply valves, thermostats, pressure reducing and regulating valves, shut-off and control valves, temperature and pressure gauges, copper steam coils or injector assemblies, traps and fittings

3. ELECTRICAL ACCESSORIES: Terminal blocks, conduit, wiring, signal and pilot lamps, on-off and control switches, control panels, magnetic contactor assemblies, heating elements, junction boxes, outlet boxes and receptacles and cord and plug sets.
  4. REFRIGERATION ACCESSORIES: Copper insulated refrigeration tubing, valves, fittings, hangers, high and low pressure control switches, solenoid valves, evaporator coils, expansion valves, condensing units and condensate evaporators.
- BB. All built-in accessories, components and fixtures shall be factory installed at the time of fabrication and shall comply with all applicable codes and regulations.
- CC. Furnish and install copper insulated refrigeration lines from compressor location to evaporator coils and expansion valves for all refrigeration units and ice makers with remote or refrigeration systems other than self-contained.
- DD. Furnish and install flexible stainless steel gas flue tubing from exhaust collar on gas hot water booster heater terminating at the exhaust vent connection at the vent extension or condensate hood.
- EE. Furnish 14 gauge galvanized steel welded roof curbs for all refrigeration condensing unit stands and exhaust fans and supply fan make-up air units including setting-in-place and securing to the building roof.
- FF. Furnish and install in exhaust hood, plenum, duct and surface fire protection system. Entire system shall be furnished and installed in compliance with UL Standard 1254, UL Standard 300, NFPA 96 and any prevailing statutes or codes including automatic shut-down of all cooking appliances per code section 44 of NFPA 17A-27. The manufacturer of the fire suppression system shall be ISO 9001 registered. The entire installation must conform to ADA (American Disabilities Act) latest edition. The system shall be an automatic fire suppression system using a wet chemical agent for grease related fires. The system shall be the pre-engineered type having minimum and maximum guidelines established by the manufacturer and listed by Underwriters Laboratories (UL). The system shall be installed and serviced by certified personnel trained by the manufacturer. Provide as part of fire system, mechanically operated gas supply line shut-off valve to interrupt gas supply to all gas operated cooking appliances. Gas valve shall be provided with manual reset to prevent gas flow to pilot devices on appliances prior to restart.
- GG. Furnish and install remote and self-contained refrigeration system complete with Copeland condensing unit and insulated copper refrigeration lines charged with R404A refrigerant. Condensing unit shall be interconnected to a low profile, high velocity evaporator coil. Refrigeration system shall include all fittings, valves, switches, controls and all related components to comprise a complete operating unit of sufficient BTU capacity to maintain automatic operation of 35 degree F product temperature in coolers and -10 degree F product temperature in freezers. Refrigeration system provided with outdoor remote air cooled condensing unit shall be provided with winterized controls (low ambient package) including crankcase heater, line dryers and head pressure control unless specified as part of a pre-assembled refrigeration rack system. Refrigeration lines to be run within any slab or floor shall be either hard copper or soft copper if run within conduit.
- HH. All electrical wiring, plumbing lines, gas lines (except exposed threaded pipe gas manifolds at cooking appliances), steam lines and refrigeration lines shall be concealed in the floor, walls or above the finished ceiling in an acceptable manner and in compliance with all applicable codes. Where it is impractical to run lines within the floor, walls or above the finished ceiling, lines shall

be enclosed in a stainless steel (or alternate “smooth and cleanable” approved material) with appropriate access for service or replacement. In situations of an island arrangement or where equipment is not situated with access to a wall surface, lines must be installed in the floor in an approved manner including in-ground conduit for refrigeration and beverage lines. In no case shall any lines be “exposed”.

- II. Furnish materials and install all interconnecting wiring as required for the food service equipment, except for exhaust ventilation and fire suppression systems. This shall include inter-wiring of control panels furnished as a part of a fixture or appliance, on-off switches for light fixtures furnished as a part of a fixture or appliance, inter-wiring of control devices to motors furnished as a part of a fixture or appliance, time clock circuits for freezers from remote condensing unit to evaporator coil, heated pressure relief ports in walk-in freezer, electrical receptacles furnished as a part of a fixture or appliance, light fixtures in exhaust hoods and walk-in refrigeration to on-off switches and conduit junction boxes, ceiling mounted heat lamps to remote wall switch and inter-wiring of food waste disposer from control device to disposer motor as required to complete the installation of the food service equipment.
- JJ. Furnish materials and install heat tracing tape to all condensate lines within walk-in freezer; insulate entire heat tracing tape with foam pipe insulation.
- KK. Furnish materials and install all interconnecting plumbing as required for the food service equipment, except for exhaust ventilation and fire suppression systems. This shall include faucets, drains, drains with connected overflow, shut-off valves, vacuum breakers, flow or pressure control valves, gauges, bleeder tubes, piping from disposer control device to disposer cone and disposer body inlets and piping for steam operated equipment from boiler take-off valve at steam generator to steam inlet connection at appliance as required to complete the installation of the food service equipment.
- LL. Furnish materials and install insulated copper interconnecting piping between the dishmachine and the hot water booster heater, this shall include the installation of pressure and temperature gauges, strainer and shock absorber in the hot water supply line to the booster heater.
- MM. Furnish materials and install insulated copper interconnecting piping between the dishmachine and the hot water booster heater, this shall include the installation of pressure and temperature gauges, strainer and shock absorber in the hot water supply line to the booster heater.
- NN. Furnish and install water filter assemblies, sized and of the proper type to accommodate the water flow rate and “particulate” requirement of the food service equipment; this shall include all combi and bake ovens, steam cookers, proofing cabinets, ice makers, coffee brewing equipment and soda and beverage dispensing equipment.
- OO. Furnish and install copper condensate lines in walk-in refrigeration from evaporator coil to waste receptor.
- PP. Furnish and install gas supply shut-off valve at each gas manifold connection and furnish and install flexible gas hose connectors to each shut-off valve and to each cooking appliance.
- QQ. Furnish materials and install interconnecting chrome plated exposed piping for hose reel and hose bibs including installation of check valves and vacuum breaker in supply line; this shall include chrome plated bleeder outlet if required by local health department regulations or local plumbing codes.



1.3 WORK BY THE ELECTRICAL TRADE

- A. Rough-in utility connections including proper voltage, phase and amperage required to satisfactorily operate all items of food service equipment.
- B. Final connection of the food service equipment from the rough-in location to the connection point on all food service equipment and necessary connection points.
- C. All electrical components for the exhaust and supply ventilation system (including condensate hoods and pant leg vent systems) including, electrical disconnects, starters, exhaust fan on-off switch with indicator lights located in kitchen and supply fan controller with indicator lights located in kitchen and dish room.
- D. Furnishing and installation of all accessories, components and fixtures other than those specified as part of the food service equipment, to include but not be limited to, electrical circuit breakers or fuses, electrical receptacles, disconnect switches, on-off switches or other fittings and appurtenances that are required to connect the food service equipment in accordance with manufacturer's instructions and result in proper operation.
- E. Utility disconnection and termination of discontinued services of existing food service equipment to be terminated.
- F. Furnishing and installing electrical plug and cord sets where not furnished as part of the appliance.
- G. Electrical contractors or shunt-trip circuit breakers to interrupt electrical power to all electrically operated food service cooking appliances.
- H. In-floor, flush mounted, waterproof electrical receptacles of type and capacity to match plug and cord sets for all mobile food service counter equipment.
- I. Ceiling mounted, retractable drop cords to accommodate food service equipment in an island arrangement, of the type and capacity to match plug and cord sets of the food service appliances.
- J. Furnishing materials and installation of all interconnecting wiring as required for the food service exhaust ventilation and fire suppression systems; this shall include wiring of electrically operated gas supply shut-off valves for fire suppression systems, fire suppression system wiring to building fire alarm, heat detector electrical detection device to automatically start supply and exhaust fans and exhaust hood light fixtures to remote wall switch.

1.4 WORK BY THE PLUMBING TRADE

- A. Rough-in utility connections including gas, steam, hot and cold water and floor receptors and drains in proper sizes, pressures and quantities required to satisfactorily operate all items of food service equipment.
- B. Final connection of the food service equipment from the rough-in location to the connection point on all food service equipment and necessary outlets.
- C. Furnishing and installation of all accessories, components and fixtures other than those specified as part of the food service equipment, to include but not be limited to stop cocks, traps, pipe, shut-

off valves, pressure reducing valves or other fittings and appurtenances that are required to connect the food service equipment in accordance with manufacturer's instructions and result in proper operation.

- D. Furnishing and installing chrome plated indirect waste outlet piping for food service equipment, from the waste outlet connection on the food service equipment to the building waste receptacle (floor sink, etc.).
- E. Flushing and sanitizing of lines before making final connections to the food service equipment.
- F. Grease interceptors for food service equipment in capacity and size as required by code.
- G. Furnish and install exposed threaded gas manifold piping for all cooking appliances and welded in-wall gas manifold piping.
- H. Install gas shut-off valve supplied as part of the fire suppression system in the gas supply line in an exposed and accessible location.

#### 1.5 WORK BY THE MECHANICAL TRADE

- A. Supply and exhaust ventilation for indoor refrigeration condensing units based on 750 cfm for each air cooled compressor horsepower and 250 cfm for each water cooled compressor horsepower.
- B. Exhaust ventilation for condensate applications including fully welded 18 gauge stainless steel or 12 gauge aluminum liquid tight ductwork pitched toward source to prevent leaking, fan and start-stop switch with indicator lights located in the dishroom.
- C. Exhaust hood exhaust ventilation system including roof top mounted "utility set" type up-blast centrifugal fan with backward incline wheel, adjustable sheaves, vibration mounts and bird screen at discharge end; fan shall be rated at 14 sones or less and shall be UL 710 listed; roof curb, exhaust ductwork constructed of a minimum 16 gauge galvanized steel or 18 gauge stainless steel, fully welded liquid tight with clean-outs at every major bend and in 20 foot intervals; ductwork shall not exceed a three to one aspect ratio, connection to exhaust fan shall include a UL listed and rated vibration eliminator and ductwork shall be insulated with all prevailing codes.
- D. Exhaust hood supply ventilation system including roof top mounted UL listed supply fan with vibration mounts, adjustable sheaves, roof curb, bird screen at intake end, maintainable filtration system, and gas or electric heated supply air heater (supply air heater heat incoming supply air below a 65 degree F ambient temperature) and 22 gauge galvanized steel ductwork.
- E. Disconnection and termination of discontinued ductwork of existing exhaust or condensate hoods to be terminated or relocated, and modification or preparation of exhaust system for existing exhaust or condensate hoods to be relocated at the new location.

#### 1.6 WORK BY THE CONSTRUCTION TRADE

- A. Masonry bases, floor curbs, structural pads, floor depressions, roof curbs, flues and fireproof duct shafts or enclosures.

- B. Conduit for beverage lines (PVC if embedded in concrete or smooth aluminum if exposed) with 24" radius sweep bends and 24" x 24" pull boxes every 100 lineal feet or three turns including sleeves any through walls, floors and ceilings.
- C. Sleeves and openings through wall, floors and ceilings for passage of refrigeration lines.
- D. Wall blocking or reinforcing to adequately support wall mounted food service equipment or fixtures; provide 3/4" thick exterior grade plywood backing for wood stud applications and 16 gauge steel backing for metal stud applications.
- E. Stainless steel or FPR wall paneling behind all mop receptors, dishtables and pot / utensil washing sinks.
- F. Installation of floor pans in floor depression with floor pans set flush and finished watertight around entire perimeter at juncture with floor surface.
- G. Conduit for refrigeration lines (PVC if embedded in concrete or smooth aluminum if exposed) with 24" radius sweep bends including sleeves any through walls, floors and ceiling.

#### 1.7 WORK BY THE ROOFING TRADE

- A. Roof penetrations properly sealed and flashed to prevent water penetration.

#### 1.8 BIDDING INSTRUCTIONS AND QUALIFICATION OF BIDDER

- A. The primary items of food service equipment described in this specification are considered the basis of the bid. Only "equal" items listed as part of this specification will be considered and must meet the conditions of the base bid item; this shall include all materials and material finishes, fabrication methods, electrical, plumbing, and mechanical components, electrical control devices, hardware, accessories and options, exactly as specified without exception. It will be the full and complete responsibility of the Food Service Equipment Contractor to pay any and all costs incurred in adapting any other "equal" item to the mechanical, electrical, exhaust ventilation or structural systems of the building including any other cost increase incurred as a result of engineering changes to the mechanical, electrical, exhaust ventilation, architectural, structural or food service drawings. The contract is to be awarded as follows:
  - 1. The competence and responsibility of the bidder.
  - 2. An itemized cost breakdown of each scheduled item of food service equipment is required, as specified, in order that the District may, at his option, delete any item or supply any portion thereof, or increase the quantity of any item without affecting the cost quoted for the remaining items. "Pre-approved" substituted items must be submitted as an add or deduct alternate in addition to the base bid.
  - 3. The District is not obligated to accept the lowest or any other bid. The award of the contract and choice of the food service equipment Contractor shall be at the District's discretion.
- B. Each bidder shall be responsible to visit the project site of the proposed work and fully acquaint himself with conditions as they exist.
- C. Each bidder is responsible to attend any pre-bid meeting as required by the District.

- D. Each bidder shall be responsible to examine and review the contract document drawings and specifications. Should the bidder find during examination of the drawings and specifications any discrepancies, omissions, ambiguities, or conflicts in or among the contract documents or shall be in doubt as to their meaning, the District shall be notified no later than four working days prior to bid opening for clarification.
- E. The failure or omission by any bidder to receive or examine any form, instrument or document or to visit the project site shall in no way relieve him from obligation with respect to his bid. No claims for any extras will be allowed due to unintentional errors, conflicts, or omissions in the contract documents drawings or specifications.

#### 1.9 SUBMITTALS

- A. Product Data: For each buy-out item of food service equipment indicated. Include manufacturer's model number and accessories and requirements for access and maintenance clearances, water and drainage, power or fuel and service connections including roughing-in dimensions
- B. Shop Drawings: For food service equipment not manufactured as standard production and catalog items by manufacturers. Shop drawings shall include the following information:
  - 1. Dimensioned rough-in plans scaled at 1/4"=1'-0" accurately locating connection points and indicating utility data for all mechanical, electrical and supply and exhaust ventilation requirements.
  - 2. Dimensioned plans scaled at 1/2"=1'-0" accurately locating and indicating the finished size of masonry bases, floor depressions in structural slabs, stub walls, curbs and finished openings for pass-thru equipment.
  - 3. Dimensioned plans scaled at 1/4"=1'-0" accurately locating conduit and pull boxes for beverage and refrigeration lines including floor, wall and ceiling penetrations and termination points.
  - 4. Dimensioned plans and detailed drawings of all custom fabricated food service equipment scaled at 3/4"=1'-0" for plan and elevation views and 1-1/2"=1'-0" for sectional views.
- C. Copies of original maintenance and repair manuals including a list of all authorized service agencies responsible for each item of food service equipment.

#### 1.10 QUALITY ASSURANCE

- A. Manufacturer's qualifications shall include a firm that has regularly engaged in the manufacturing of food service equipment of the same type, capacity, performance and size as specified and whose products have been in similar service for not less than five years.
- B. Custom fabricator qualifications for custom food service equipment shall include a skilled sheet metal shop with a minimum of five years' experience in custom sheet metal food service equipment fabrication of similar type as specified. All custom food service equipment shall be fabricated at the same shop.
- C. Installer's qualifications shall include a firm with at least three years of successful installation experience on projects with a similar scope to that as required for this project.

- D. Food service equipment dealers' qualifications shall include a firm which is regularly engaged in the purchasing of food service equipment as is a manufacturer authorized agent of the specified equipment for not less than five years. The dealer shall also employ a full time project management staff to oversee the purchase of the equipment in compliance with the specifications, coordinate the form and fit of the equipment to the project site conditions, attend all project meetings, coordinate shop drawing review, coordinate installation with the Trades, coordinate factory training and address all issues as they relate to the satisfactory completion of the facility in compliance with the specifications and related documentation.
- E. Codes and Standards: All food service equipment furnished and installed under this specification shall be manufactured in strict compliance with the following publications or the current or revised related publication as well as all state, national and local codes and agencies having jurisdiction over same:
  - 1. National Electrical Manufacturer Association NEMA
    - a. ICS-77 Industrial Controls and Systems
  - 2. National Electrical Manufacturer Association NEMA
    - a. ICS-77 Industrial Controls and Systems
    - b. 17.4 Local Application System
    - c. 17.13 Water Sprinkler Systems
    - d. 96-76 Installation of Equipment for the Removal of Smoke and Grease Laden Vapors for Commercial Cooking Equipment
  - 3. National Sanitation Foundation NSF
    - a. 11 76 Food Service Equipment
    - b. 4 73 Commercial Cooking and Warming Equipment
    - c. C-2-72 Special Equipment and/or Devices
  - 4. National Electrical Manufacturer Association NEMA
    - a. 57-78 Electric Lighting Fixtures
    - b. 197-78 Commercial Electric Cooking Appliances
    - c. 300 Fire Extinguishing Systems
- F. All food service equipment shall be manufactured in strict compliance with standards as set forth by the National Sanitation Foundation (NSF) including fabrication of custom built equipment and shall be listed with same and shall bear their seal. Any item of food service equipment lacking the NSF seal will be rejected.
- G. All electrically operated food service equipment shall be constructed in strict compliance with standards as set forth by the Underwriters Laboratories (UL) and shall utilize approved components and assemblies and shall bear the label thereof.
- H. Custom fabricated food service equipment shall be constructed to the standards as set forth by the National Association of Food Equipment Manufacturers (NAFEM).
- I. All refrigeration equipment and all pressurized vessels shall be constructed, approved, inspected, registered and stamped and installed in strict compliance with the American Society of Mechanical Engineers (ASME), state and local codes for Unfired Pressure Vessels and all other agencies having jurisdiction thereof.
- J. All gas operated food service equipment shall be fabricated in strict compliance with standards as set forth by the Underwriter Laboratory (UL) and shall be listed with same and shall bear their seal.

- K. Steam operated equipment shall be fabricated and installed in accordance with Pennsylvania Department of Labor and Industry standards.
- L. Product Options: Drawings indicate food service equipment based on the specific products indicated. Other manufacturers' equipment with equivalent size and performance characteristics may be considered.
- M. Preinstallation Conference: Conduct conference at Project site to comply with requirements of Division 1 Section "Project Meetings." Review methods and procedures related to food service equipment including, but not limited to the following:
  - 1. Review access requirements for equipment delivery.
  - 2. Review equipment storage and security requirements.
  - 3. Inspect and discuss condition of substrate and other preparatory work performed by other Trades.
  - 4. Review structural loading limitations.
  - 5. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment and facilities needed to make progress and avoid delays.

1.11 DELIVERY, STORAGE AND HANDLING

- A. Deliver food service equipment as factory-assembled units with protective crating and covering.
- B. Store food service equipment in original protective crating and covering and in a dry location.

1.12 PROJECT CONDITIONS

- A. Field Measurements: Verify dimensions of food service equipment installation areas by field measurements before equipment fabrication and indicate measurements on Shop Drawings and Coordination Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1.13 COORDINATION

- A. Coordinate equipment layout and installation with other work including light fixtures, HVAC equipment and fire-suppression system components.
- B. Coordinate location and requirements of service-utility connections.
- C. Coordinate size, location and requirements of concrete bases, positive slopes to drains, floor depressions and insulated floors. Concrete, reinforcement and formwork requirements are specified in Division 3 Section "Cast-in-Place Concrete".
- D. Coordinate installation of roof curbs, equipment supports and roof penetrations, as specified in Division 7 Section "Roof Accessories".

1.14 WARRANTIES

- A. General Warranty: The special warranty specified in this Article shall not deprive the District of other rights the District may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.
- B. All buy-out food service equipment herein specified shall have all parts and labor warranted in writing, from the date of Final Acceptance by the District against defective parts, materials, workmanship and design for a period of time as stated within the manufacturers standard published warranty, but no less than two years.
- C. All custom fabricated food service equipment shall be warranted as stated above except for a period of two years.
- D. Refrigeration equipment shall include start-up and two year parts and labor warranty on the entire refrigeration system and manufacturers five year parts warranty on hermetic scroll and semi-hermetic sealed compressors.
- E. Existing equipment refurbished for reuse shall be warranted in writing, against defective parts, materials and labor as stated above but for a period of 90 days.

**PART 2 - PRODUCTS**

2.1 MATERIALS AND WORKMANSHIP

- A. Stainless steel shall be type 302 or type 304 extra low carbon non-magnetic austenitic 18% chrome, 8% nickel alloy steel. Gauges shall be U.S. Standard of Thickness set forth below:

| GAUGE | THICKNESS | GAUGE | THICKNESS |
|-------|-----------|-------|-----------|
| 10    | .1346     | 16    | .0598     |
| 11    | .1196     | 18    | .0478     |
| 12    | .1046     | 20    | .0359     |
| 14    | .0747     | 22    | .0299     |

- B. All sheets shall be of maximum length to permit fabrication from one sheet. All thickness must meet the above gauge thickness within tolerances set forth by the ANSI after polishing. Finished sheets exceeding these tolerances shall be rejected as not meeting this Specification.
- C. Galvanealled steel shall be ARMCO steel or an approved grade of copper bearing steel shall be properly primed, degreased and finished with two coats of synthetic aluminum bronze.
- D. Structural steel members used for framing, consisting of angles, bands, bars and channels shall be ductile in quality, free of hard spots, runs, checks, cracks and other surface defects and shall

be smooth galvanized by the hot dip process with all surplus removed, free of runs, blisters, excess splatter and uncoated spots or patches.

- E. White metal shall consist of corrosion resistant metal containing not less than 21% nickel. All castings shall be rough ground, polished and buffed to a bright luster and shall be free from pit marks, runs, checks, burrs and other imperfections.
- F. Stainless steel pipe and tubing shall be seamless or welded of gauge specified and of true roundness. Seamless tubing shall be thoroughly and correctly annealed and ground smooth. Welded tubing shall be thoroughly heat treated and properly quenched to eliminate carbide precipitation, drawn true to size and roundness and polished to match stainless steel sheets.
- G. Welding shall be of the electric submerged or concealed arc type, heliarc wherever practical. Where welding rods are required they shall be of the same composition as materials to be joined coated with a non-carbonaceous flux.
- H. Plastic Laminate: Complying with NEMA LD 3 and NSF 35 requirements; NSF certified for end-use application indicated; 0.050 inch (1.27 mm) thick, smooth texture and easily cleanable.
  - 1. Color: As selected by Architect from manufacturer's full range of colors.
- I. Plywood and Lumber: Close grain exterior grade mahogany or birch plywood.
- J. Sealant: ASTM C 920; Type S, Grade NS, Class 25, Use NT. Provide elastomeric sealant NSF certified for end-use application indicated. Provide sealant that when cured and washed meets requirements of Food and Drug Administration's 21 CFR, Section 177.2600 for use in areas that come in contact with food.
  - 1. Color: As selected by Architect from manufacturer's full range of colors.
  - 2. Backer Rod: Closed-cell polyethylene in diameter larger than joint width.
- K. Plastic: Except for plastic laminate, provide plastic materials and components complying with NSF 51.
- L. Sound Dampening: NSF-certified, non-absorbent, hard drying, sound-deadening coating. Provide coating compounded for permanent adhesion to metal in 1/8-inch (3-mm) thickness that does not chip, flake or blister.
- M. Gaskets: NSF certified for end-use application indicated; of resilient rubber, neoprene or PVC that is nontoxic, stable, odorless, nonabsorbent and unaffected by exposure to foods and cleaning compounds.

## 2.2 ACCESSORIES

- A. Cabinet Hardware: Provide NSF-certified stainless steel hardware for equipment items as indicated.
- B. Casters: NSF-certified standard-duty stainless-steel swivel stem casters with 5-inch (125-mm) diameter wheels, polyurethane tires with 1-inch (25-mm) tread width and 300-lb (90-kg) load capacity per caster. Provide brakes on 2 casters per unit.



## 2.3 FABRICATION, GENERAL

- A. All welds shall be strong and ductile, nonporous, free of pits and cracks. Parts which are to be welded shall be homogeneous, of a like color and finish to adjoining material. Excess metal and carbide precipitation shall be ground off, finished smooth and polished. Unexposed welds shall be pacified to prevent attrition. Brazed or soldered joints are unacceptable. Where galvanizing has been damaged due to the welding or grinding process, these areas shall be galvawelded to replace finish
- B. All exposed surfaces of the food service equipment shall be free from bolts, screws and rivet fastenings. Wherever bolts are required they shall be of similar composition and finish as the metal to which they are applied.
- C. Wherever practical all food service equipment and fixtures shall be factory or shop fabricated of one-piece construction, shipped to the project site as one unit completely assembled.
- D. Items of food service equipment or fixtures too large to enter or transverse the building to the installation location in one assembly shall be constructed in sections and shall be furnished with field joints. Where field joints are necessary, all adjoining exposed surfaces shall be field welded at the project site as specified above for welding. Where conditions make welded field joints impractical, each sub-assembly shall be fabricated with off-set draw angles welded to the underside of each adjoining top surface and drawn together to a "hairline" seam with 1/4"-20 stainless steel bolts with lock washers and chrome plated acorn nuts. Bolted field joints will be permitted only where specifically shown on Drawings or specified for a particular item.
- E. Wherever shear edges occur they shall be free of burrs, fins or irregular projections and shall be finished to prevent cutting or laceration when the hand is drawn over such shear edges. Brake bends shall be free of undue and where such bends do mar the uniform surface appearance of the material, such marks shall be removed by suitable grinding, polishing and finishing. In no case where miters or bullnose corners occur is overlapping materials acceptable.

## 2.4 GENERAL FRABRICATION STANDARDS

- A. TOPS:
  - 1. Tops shall be fabricated of 14 gauge stainless steel unless otherwise specified. All edges shall be bullnose or formed as specified with all joints butt-edged and electrically welded, ground smooth and polished so no evidence of welding will appear. Soldered corners to achieve round corner construction will not be accepted.
  - 2. Tops adjacent to walls, columns or other equipment shall be turned up integrally into a backsplash as specified. All interior corners shall be coved on a 3/4" radius, both horizontally and vertically, forming spherical corners. Ends of backsplashes shall be fully enclosed to the low point of the top edge, fully welded, ground smooth and polished.
- B. SUPPORT FRAMING
  - 1. Around the entire perimeter on the underside of all tops and set back 1" from the down-turned edge shall be a fully welded frame assembly fabricated of 1-1/2" x 1-1/2" x

1/8" stainless steel angle iron or material as specified. Provide intermediate cross bracing fabricated of the same material as the angle framing and fully weld to perimeter frame on centers not to exceed 24". Tack weld the entire frame assembly to the underside of the top surface.

2. Open base tables shall be provided with leg mounting channels for weld anchoring leg gussets and shall be fabricated of 1" x 4" x 1/2" 12 gauge stainless steel or material as specified fully welded at each end of frame and at intervals not to exceed 6'-0".
3. Cabinet base tables and counters shall be provided with triangular corner gusset plates for weld anchoring counter type legs and shall be fabricated of 12 gauge stainless steel fully welded at each corner of table or counter body and at intervals not to exceed 6'-0".
4. Freestanding sinks and Bain Maries shall be provided with triangular corner gusset plates for weld anchoring leg gussets and shall be fabricated of 12 gauge stainless steel, fully welded at each corner of sink or Bain Marie bottom and at intervals not to exceed 6'-0".

C. LEGS AND ADJUSTABLE BULLET FEET

1. Legs shall be constructed of 1-5/8" diameter 16 gauge stainless steel tubing. Each leg shall be swaged and tapered at the bottom. Fasten each leg to a 3-1/2" high conical shaped die-formed stainless steel gusset equivalent to Component Hardware A20-0206. Provide each leg with stainless steel adjustable foot insert equivalent to Component Hardware A10-0852.
2. Cabinet base tables and counters shall be provided with 6" high conical shaped die-formed stainless steel equipment leg with stainless steel adjustable round foot insert equivalent to Component Hardware A72-0811.

D. CROSSRAILS

1. Provide all open base tables and freestanding sinks and bain Maries with 1-1/4" diameter 16 gauge stainless steel tubular cross railing running between legs at a point 10" above the finished floor. Cross railing shall be continuously welded to legs, filleted, ground smooth and polished to provide a smooth coved radius with leg surface.
2. Where cross railing abuts cabinet base fixtures, cross railing shall be concealed bolt anchored to same utilizing stainless steel hardware.

E. UNDERSHELVES

1. Provide solid fixed undershelf, constructed of 16 gauge stainless steel. Front edge shall be turned down 1" at 90 degrees and returned 1/2" at 45 degrees. Rear and ends shall be turned up 2" high on a 90 degree angle, interior corners coved on 3/4" radius.

F. DRAWERS

1. Provide drawer pan constructed of 14 gauge stainless steel with inside corners coved on a 3/4" radius. Drawer front face shall be double pan type constructed of 16 gauge stainless steel with inner pan set into outer pan and welded in place. Drawer front shall be set into and shall be removable from a 14 gauge stainless steel, channel shaped drawer cradle. Drawer suspension slides shall be secured to drawer frame assembly and shall be Component Hardware S52 series full extension type with 14 gauge stainless steel slides with stainless steel ball bearing wheels having a load capacity of 200 pounds. Provide hard rubber bumper drawer stops. Drawer suspension guides shall be fastened to 18 gauge

stainless steel housing which is suspended from the angle framing under the table top. Provide drawer fronts with full grip recessed stainless steel flush pull handles.

2. Stainless steel drawer enclosure cabinet with quantity of drawers as specified with cabinet body fabricated of 18 gauge stainless steel, wrap around construction. The backs of front stiles shall be closed with tight fitting channel sections of 18 gauge stainless steel, welded in place, and closed on top and bottom. Drawer suspension slides shall be secured to drawer frame assembly and shall be Component Hardware S52 series full extension type with 14 gauge stainless steel slides with stainless steel ball bearing wheels having a load capacity of 200 pounds. Provide hard rubber bumper drawer stops. Provide drawer fronts with full grip recessed stainless steel flush pull handles.

G. CABINET BASES

1. Cabinet body shall be fabricated of 18 gauge stainless steel wrap around construction. The backs of front stiles shall be closed with tight fitting channel sections of 18 gauge stainless steel, welded in place and closed on top and bottom.
2. Cabinet base shelves shall be fixed bottom and intermediate fabricated of 18 gauge stainless steel. Front edge shall be turned down 1 1/2" at 90 degrees, returned 1/2" at 90 degrees. Rear and ends shall be turned up 2" at 90 degrees with interior corners coved on a 3/4" radius. Shelf shall be weld anchored to cabinet body. Bottom shelf shall be fabricated flush with front mullions with fully welded facing junctures presenting seamless construction. Fixed intermediate shelves shall be designed similar to bottom shelf except front edge shall be set behind vertical mullions and fully welded thereto.

H. SLIDING DOORS

1. Sliding doors shall be double pan type constructed of 16 gauge stainless steel with inner pan set into outer pan and welded in place. Doors shall have welded internally 1" x 4" x 1" 14 gauge stainless steel hat type reinforcing channels. Doors shall be fitted with full grip, recessed type stainless steel flush pull handles. Provide 16 gauge stainless steel angle door stops welded to door. Provide hard rubber door stops. Provide each door with two, 1 3/8" diameter stainless steel ball bearing sheaves fastened to 1" x 1/8" thick stainless steel bar stock hangers welded to top corners of each door for suspending on overhead door channel track. Provide hangers with stainless steel removable locks to prevent doors from jumping track during operation while permitting ease of removal. Fabricate overhead track of 14 gauge stainless steel and weld to cabinet body. Provide bottom of doors with nylon door guides secured to bottom shelf. Guides shall not interfere with door removal.

I. HINGED DOORS

1. Hinged doors shall be double pan type constructed of 16 gauge stainless steel with inner pan set into outer pan and welded in place. Hinges shall be stainless steel cam action pin type fastened by means of counter sunk flat head stainless steel screws staggered on centers and tapped into 1/4" thick stainless steel bar stock welded behind door jamb. Doors shall be removable from hinges without the use of tools. Doors shall be held closed by permanent magnet closure devices. Doors shall be fitted with a full grip recessed type stainless steel flush pull handles. Provide hard rubber door stop bumpers.

J. SINKS

1. Sinks shall be fabricated of 14 gauge stainless steel with all interior corners coved on a  $\frac{3}{4}$ " radius both horizontally and vertically forming spherical corners.
2. Exposed edges of sink shall be finished with a  $1\frac{1}{2}$ " diameter 180 degree rolled edge, rear and sides adjacent to adjoining surfaces shall have a backsplash turned up 10" high at a 90 degree angle on a  $\frac{3}{4}$ " radius and turned back  $2\frac{1}{2}$ " on a 45 degree angle, then down  $\frac{1}{2}$ " at 90 degrees along back.
3. Multiple sink compartments shall be divided with double wall 14 gauge stainless steel partitions 1" wide rounded on top and all corners at a  $\frac{3}{4}$ " radius. Finish bottom, back and front with 14 gauge stainless steel to form one continuous sink with no overlapping joints or open spaces between sink compartments.
4. Integral drainboards shall be constructed of 14 gauge stainless steel. The front portion shall continue the  $1\frac{1}{2}$ " diameter 180 degree rolled rim of the sink bowl on a continuous level horizontal plane. The surface of the drainboard shall be pitched from  $2\frac{1}{2}$ " at the end away from the sink to 3" at the sink bowl. Sink and drainboard backsplash shall be continuous and level on the horizontal plane. All interior corners both vertical and horizontal shall be coved on a  $\frac{3}{4}$ " radius. Drainboards shall be reinforced with 1" x 4" x 1", 12 gauge stainless steel "hat" channels extending front to rear tack welded to underside of drainboard for weld anchoring leg gussets.
5. Provide crossrails extending front to rear between legs, crossrails shall not extend along rear at sink to prevent interference with plumbing.
6. Built-in sink compartments shall be fabricated as an integral part of fixture with sink fully welded with adjacent top, weld ground smooth and polished.

K. MILLWORK

1. Millwork fabricator shop shall be a certified participant in AWI's Quality Certification Program (QCP) to standard "Premium" construction.
2. Tops shall be fabricated of  $\frac{3}{4}$ " thick 5-7 ply BW marine grade plywood build up to a  $\frac{1}{2}$ " thickness. All plastic laminate finished edges shall be applied prior to the surface laminate. Provide cross bracing around entire perimeter below tops and above all interior dividers to minimize deflection from equipment. Tops shall be fabricated in sections as large as possible to minimize field seams. Field seams shall be assembled utilizing TB-2 yellow glue. The bottom surfaces of all tops must be sealed with gray cabinet liner to comply with Board of Health requirements. Cut-outs for drop-in equipment shall be cut in the shop and with all edges sealed. All drop-in equipment shall be pre-fitted in top prior to delivery to the job site. All drop-in equipment shall be sealed with General Electric or equivalent clear silicon sealer after installation. Hardwood edges shall be applied prior to surface laminate. All hardwood to match for color and grain. Edges to be chamfered and finished as specified. Solid surface tops shall receive full plywood substrate with  $\frac{3}{4}$ " x 3" batons for proper air space. All tops shall be prepared for installation of sneeze guards including additional blocking and / or cutouts.
3. All cabinet base and interiors shall be fabricated of  $\frac{3}{4}$ " thick 5-7 ply marine grade plywood with high-pressure laminate finish. Recessed toe base shall be 6" high fabricated of  $\frac{3}{4}$ " thick 5-7 ply marine grade plywood with 16 gauge stainless steel finish. Shelf pilasters to be recessed type 250WH with 253WH locking clips. Cabinet backs shall be fabricated of  $\frac{1}{4}$ " thick MELA-MDF board. Cabinet ends to be dadoed for back and bottom and notched to receive aprons and kicks. Butt or dowel construction will not be acceptable. Cabinets shall be assembled with TB-2 yellow glue with screws and staples. Cabinets with finished backs shall be fabricated of  $\frac{3}{4}$ " thick 5-7 marine grade plywood with high-pressure laminate finish. Cabinets over 48" in length shall have interior dividers. Dividers shall be

dadoed into the bottom and notched for aprons. Dividers shall be notched as required for equipment. Aprons shall be large enough to conceal drop-in equipment and also to house control panels. Cabinet bases shall be fabricated in sections as large as possible to minimize field seams.

4. Doors shall be fabricated of 3/4" thick MDF board with high-pressure laminate finish and shall be furnished with three BLUM 75M5580 or 75M5680 European style concealed hinges. Door pulls shall be Hafele 116.39.437. Locks where required shall be cam style, keyed alike. Doors shall not exceed 27" in width and shall be of equal size.
5. Drawers shall be constructed of 3/8" thick birchwood with dove tail joinery. Drawer slides shall be Accuride 150 lb. full extension type with stainless steel ball bearing hardware.
6. Applied wood fascia panels and doors shall be stile and rail design. Panels to be recessed or raised as specified. All wood to be select for color and grain. Finish shall match stock color samples or custom to match furnished sample. All panels and doors to be equally sized per cabinet. Provide full wood louvered panels as required for equipment requiring air circulation. Finish all wood with stain followed by single coat of sealer. After sealer, apply one layer of Armourcote conversion varnish approved for use in food service with 55% gloss.

L. SOLID AND HARD SURFACE MATERIAL ("CORIAN" / "ZODIAK")

1. Provide counter top, tray slide, etc. of approved solid surface material. Material shall be fabricated and assembled per manufacturers approved methods utilizing a factory authorized and certified fabricator and installer. The edges of the top shall be formed as indicated on the food service and architectural detail drawings, routed and finished as directed. Openings shall have radius corners and shall be reinforced with additional material. Where drop-in appliances are to set on tops, the fixture shall be furnished with a 3/4" thick marine grade plywood sub-top fabricated with a perimeter frame extending through the opening in the top preventing the appliance from setting directly on the solid surface material and allowing the sub-top to distribute the weight of the appliance. Where heated appliances are to set on the top the sub-top is to be fabricated as above to prevent heat from being in direct contact with the solid surface top; additional fiberboard insulation material is to be provided where transfer of radiated heat will contact any solid surface material

M. PAINTING

1. Galvanized steel shall be cleaned and degreased with mineral spirits, primed with a minimum of two coats of primer and spray finished with a minimum of two coats of gray epoxy enamel paint

N. LAMINATED PLASTIC

1. All exposed surfaces shall be faced with 1/16" thick high pressure plastic laminate in color and pattern as specified.
2. All unexposed surfaces shall be faced with .020 or .030 gray thermoset decorative overlay.
3. Where the plastic laminate is to be bonded to removable or fixed panels the panels shall be fabricated of 3/4" thick close grain marine grade mahogany or birch plywood with surfaces bonded with waterproof glue.
4. Where the plastic laminate is to be bonded directly to the metal facing of a cabinet base table or counter, surfaces shall be bonded with contact adhesive.

O. CLOSURE TRIM

1. Provide closure trim pieces fabricated of 16 gauge stainless steel or of material and finish as specified, trim shall be one piece constructions furnished to seal both horizontal and vertical junctures and openings

2.5 STAINLESS STEEL FINISHES

- A. General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal products" for recommendations relative to applying and designating finishes.
  1. Remove or blend tool and die marks and stretch lines into finish.
  2. Grind and polish surfaces to produce uniform directional textured polished finish indicated, free of cross scratches. Run grain with long dimension of each piece.
- B. Concealed Surfaces: Minimum of 80 grit finish.
- C. Exposed Surfaces: No. 4 finish (bright, directional polish) of 180 grit.
- D. When polishing is completed, passivate and rinse surfaces. Remove embedded foreign matter and leave surfaces chemically clean.
- E. Protect mechanical finishes on exposed surfaces from damage by applying a strippable temporary protective covering before shipment.

2.6 STANDARDS FOR EXISTING EQUIPMENT

- A. The food service equipment contractor shall examine each item of food service equipment specified as existing to be reused prior to his submission of his bid to ascertain proper fit and alignment in its proposed location, inspect for any physical damage and to determine the present operational performance and condition of each item or any component thereof and submit to the Owner as part of his bid the extent of repairs or replacement parts, required to recondition the entire unit for satisfactory operation.
- B. The food service equipment contractor shall disassemble each existing item to be reused, clean, service and recondition including any transport for reconditioning if required at any service agency or shop, redeliver or relocate at the project site to the new location, set-in-place, align and secure in its new location and assemble any fixtures, components and sub-assemblies, left ready for final utility connections by the Trades.
  1. Cleaning of the food service equipment shall include a thorough scrapping and steam cleaning to remove scale and all foreign material.
  2. Repainting of all fabricated and buy-out items having worn or scarred exposed surfaces that are not stainless steel materials. Repainting shall be a minimum of two coats of original paint or touched-up as required.
  3. Repair any damage incurred during relocation or transit such as dents, cracks or broken welds.
  4. Replacement of door gaskets and seals and realignment for proper operation.
  5. Replace non-functioning condensate evaporators in refrigerators.

6. Replacement of broken door hinges, drawer slide assemblies, door and drawer handles, door pans or lock assemblies.
  7. Servicing and cleaning of all condensing units, (vacuum and comb), evaporator coils, expansion valves, etc. setting and adjusting of all temperature controls to maintain normal operating temperature and charging of the refrigeration system with proper refrigerant. Refrigeration systems to be re-used shall be recharged with proper refrigerant or converted to an acceptable code compliant refrigerant.
  8. Replace or repair all plumbing components as required including faucets and waste outlets with fixtures of similar type and manufacturer.
  9. Pump-down of all refrigeration systems to be discontinued or relocated and re-claiming and disposal of all refrigerant and toxic materials as necessary.
- C. The following work shall be included as part of this contract on specified items or as required by the Owner or as determined or recommended as necessary during the site inspection.
1. Repair or replacement of all materials or parts to correct any gas, steam or electrically operated cooking appliance including power generation devices such as boilers and related mechanical and electrical heating and control components and devices.
  2. Remove, sharpen and reinstall all cutting blades on all cutting machinery including slicers, food cutters and food choppers.
  3. Recondition and lubricate electric motors and transmission devices, replacing worn or damaged gears, drive belts, etc. and repacking or replacing oil with proper type as recommended by the manufacturer.
  4. Inspecting, cleaning and upgrading of exhaust ventilation systems including fire protection systems and components. Exhaust hood shall be steam cleaned and chemically treated to remove all traces of grease and foreign material, painted exhaust hoods shall be primed and repainted with a minimum of two coats of primer and fire resistant paint, filters shall be replaced with grease extractor type filters to match design air volume requirements and fusible links shall be replaced with proper heat values. Fire system shall be inspected and recharged to full operational condition. Fire system nozzles and related piping and fittings shall be relocated and reworked to accommodate the new equipment arrangement with nozzle heads replaced as required. All ductwork shall be inspected to assure compliance with present codes and statutes with all ductwork thoroughly cleaned. Air movement shall be measured for proper air quantities and velocities and conditions corrected to meet proper requirements. All conditions of the existing exhaust ventilation and fire protection system shall be in compliance with all current prevailing codes, statutes and NFPA requirements.
- D. All nameplates are to be left completely legible.
- E. Existing equipment to be reused shall have all utilities disconnected, terminated, or capped-off by the Plumbing, Electrical and Mechanical (HVAC) Trades.
- F. Plumbing, Electrical and Mechanical (HVAC) Trades shall provide all mechanical, electrical and HVAC services as required and provide final connection to same at the new site location.
- G. Final determination and verification of Plumbing, Electrical and Mechanical (HVAC) requirements for all existing food service equipment to be reused is the responsibility of the Mechanical and Electrical Engineer. Provisions for relocated utility requirements shall conform to current codes and statutes.

### **PART 3 - EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas and conditions with Installer for compliance with requirements for installation tolerances, service-utility connections and other conditions affecting installation and performance of food service equipment. Do not proceed with installation until unsatisfactory conditions have been corrected.
- B. Examine roughing-in for piping, mechanical and electrical systems to verify actual locations of connections before installation

#### **3.2 INSTALLATION**

- A. Set each item of fixed food service equipment securely in place, level and adjust to correct height. Anchor to supporting surface where required for sustained operation and use without shifting or dislocation. Provide concealed anchoring where possible. Adjust work surfaces to a level tolerance of 1/16" maximum offset and slope drainage surfaces at 1/16" per foot.
- B. Complete field assembly of field joints by welding or bolting utilizing the method as indicated with the fixture. Grind all field welds smooth and polish. Set and trim all gaskets to be installed as part of field assembly.
- C. Treat enclosed spaces that are inaccessible after food service equipment installation by covering all horizontal surfaces with powdered borax at a rate of 4 ounces per square foot.
- D. Provide closure trim pieces fabricated of 16 gauge stainless steel or of material and finish as specified, trim shall be one piece construction furnished to seal both horizontal and vertical junctures and openings where the conditions given below occur:
  - 1. Food service equipment is installed into wall openings. Trim shall apply to both sides of wall opening with all corners fully welded, ground smooth and polished.
  - 2. Two or more items of food service equipment are butted together.
  - 3. Food service equipment is installed against wall, columns other equipment resulting in a gap or juncture exceeding 1/4" in width.
  - 4. An open gap of any size between the juncture or joint between adjoining items of food service equipment, wall or column surfaces which might result in the penetration or collection of grease or vermin.
- E. Provide cut-outs and openings in food service equipment as required to extend plumbing, electric, steam or gas lines through the food service equipment either for interconnection of utility lines or final connection.
- F. Seal around each item of food service equipment with sealant for gaps or spaces less than 1/4" in width and with stainless steel trim for gaps or spaces exceeding 1/4" in width. Closure strips shall conform to the shape and size of the surfaces or juncture to be sealed and shall be neatly scribed for a tight fit.



### 3.3 PROTECTION AND CLEANING

- A. Provide final protection and maintain conditions in a manner acceptable to District, Manufacturer and Installer that ensure food service equipment is without damage or deterioration at the time of Substantial Completion.
- B. After completion of the food service equipment installation and completion of other major work in the food service area remove protective coverings and clean and sanitize all food service equipment both internally and externally. Restore exposed and semi-exposed finished to remove abrasions or other surface damage, polish exposed metal surfaces and touch-up painted surfaces. Replace work which cannot be successfully restored.

### 3.4 COMMISIONING

- A. Delay start-up of the food service equipment until utility services have been installed, completed and tested, balanced and adjusted for pressure and voltage, and until water and steam lines have been treated and cleaned for sanitation. Before start-up of the food service equipment lubricate in accordance with manufacturer's instructions.
  - 1. Coordinate food service equipment startup with service-utility testing, balancing and adjustments. Do not operate steam lines before they have been cleaned and sanitized.
- B. Provide on-site demonstration and formal technical training by the manufacturer's technical representative for each item of food service equipment as required to instruct the District and its personnel in the safe operation and sanitation and maintenance of the food service equipment.
- C. Test each item of food service equipment for proper operation.
  - 1. Repair or replace equipment that is defective in operation including units that operate below required capacity or that operate with excessive noise or vibration.
  - 2. Test refrigeration equipment's ability to maintain specified operating temperature under heavy-use conditions. Repair or replace equipment that does not maintain specified operating temperature.
  - 3. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
  - 4. Test motors and rotating equipment for proper rotation and lubricate moving parts according to manufacturer's written instructions.
  - 5. Test water, drain, gas, steam, oil, refrigerant and liquid-carrying components for leaks. Repair or replace leaking components.
  - 6. Train District's maintenance personnel on procedures and schedules related to startup and shutdown, troubleshooting, servicing and preventive maintenance for each food service equipment item.
  - 7. Review data in the operation and maintenance manuals. Refer to Division 1 Section "Contract Closeout".
  - 8. Review data in the operation and maintenance manuals. Refer to Division 1 Section "Operation and Maintenance Data".
  - 9. Schedule training with District through Construction Manager with at least seven days advance notice.

3.5 SCHEDULE OF EQUIPMENT

- A. Equipment Schedule: Refer to all Contract Documents pertaining to the food service areas. Equipment itemized along with brands and model numbers and salient features establish the standard for construction, operation and engineering criteria.
- B. Equipment indicated below is intended to establish the standard of quality of the food service equipment. Alternate “Equal” products by other manufacturers may be considered if equivalent in design, performance, durability and function.
- C. This document is the intellectual property of Corsi Associates and as such use by any other entity is prohibited.

ITEM #01                      REACH-IN FREEZER  
Quantity:                      Two (2)  
Manufacturer:                      True / Continental / Victory  
Model:                              TS-43F-HC  
Options:                              Stainless steel interior (2)  
                                            Stainless steel exterior (2)  
                                            Stainless steel case back (2)  
                                            Field reversible doors (2)  
                                            Exterior mounted digital thermometer (2)  
                                            Automatic condensate evaporator (2)  
                                            Castors, 4” (2 sets of 4)  
                                            Plug and cord set (2)  
                                            Pan slides on top sections (2)  
                                            Shelves on bottom sections (2)

ITEM #02                      REACH-IN REFRIGERATOR  
Quantity:                      Two (2)  
Manufacturer:                      True / Continental / Victory  
Model:                              TS-43-HC  
Options:                              Stainless steel interior (2)  
                                            Stainless steel exterior (2)  
                                            Stainless steel case back (2)  
                                            Field reversible doors (2)  
                                            Exterior mounted digital thermometer (2)  
                                            Automatic condensate evaporator (2)  
                                            Castors, 4” (2 sets of 4)  
                                            Plug and cord set (2)  
                                            Pan slides on top sections (2)  
                                            Shelves on bottom sections (2)

ITEM #03                      REFRIGERATED MERCHANDISER  
Quantity:                      One (1)  
Manufacturer:                      True / Continental / Traulsen  
Model:                              GDM-49-HC~TSL01  
Options:                              Stainless steel interior  
                                            Stainless steel exterior

Stainless steel case back  
Field reversible doors  
Exterior mounted digital thermometer  
Automatic condensate evaporator  
Castors, 4" (set of 4)  
Plug and cord set

**END OF SECTION 11 40 00**

**SECTION 11 68 33**  
**BASEBALL / DUGOUT EQUIPMENT**

**PART 1 GENERAL**

1.01 SECTION INCLUDES

- A. Baseball field equipment.

1.02 ABBREVIATIONS

- A. NFHS - National Federation of State High School Associations; [www.nfhs.com](http://www.nfhs.com) and [www.nfhs.org](http://www.nfhs.org).
- B. U.S. CPSC - United States Consumer Product Safety Commission; [www.cpsc.gov](http://www.cpsc.gov).

1.03 REFERENCE STANDARDS

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide athletic field equipment manufacturer's product data indicating materials of construction, compliance with specified standards, installation procedures, and necessary safety limitations.
- C. Shop Drawings: Submit detailed scale drawings showing athletic field equipment and perimeter layout.
- D. Samples: Submit color chart for each item that color must be selected showing full range of colors and finishes.
- E. Maintenance Data: Submit manufacturer's recommended maintenance instructions and list of replaceable parts for each athletic field equipment item, along with supplier's address and phone number.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, handle, and store equipment on project site in accordance with manufacturer's recommendations.
- B. Store materials in a dry, covered area, and elevated above grade.

1.07 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

**PART 2 PRODUCTS**

2.01 MANUFACTURERS

- A. Athletic Field Equipment:
  - 1. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 ATHLETIC FIELD EQUIPMENT - GENERAL

- A. High School Sports: Provide equipment that complies with NFHS requirements.
- B. Safety and Warning Signage: Provide signage as indicated on drawings and required by authorities having jurisdiction.

## 2.03 BASEBALL FIELD EQUIPMENT

- A. Manufacturers:
  - 1. On Deck Sports: [www.ondecksports.com](http://www.ondecksports.com).
  - 2. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Dugout Bench
  - 1. Basis of Design: On Deck Sports -Rizzo 2-tiered player bench
  - 2. Upper and lower seating levels
  - 3. Length: See Drawings
  - 4. Mounting: Concrete Block
  - 5. Finish: Factory painted; color to be selected.
- C. Helmet Rack
  - 1. Basis of Design: On Deck Sports -Gandolfi Helmet Rack
  - 2. Cubbies with utility hooks
  - 3. Layout: See Drawings
  - 4. Mounting: Concrete Block
  - 5. Finish: Factory painted; color to be selected.
- D. Helmet/Bat Storage
  - 1. Basis of Design: On Deck Sports -Dugout King Helmet / Bat Combo Storage
  - 2. Cubbies for 16 helmets; Bat rack holding 40 bats
  - 3. Quantity: See Drawings
  - 4. Mounting: Concrete Block
  - 5. Finish: Factory painted; color to be selected.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify conditions in field.

### 3.02 INSTALLATION

- A. Install athletic field equipment in accordance with manufacturer's instructions, and rules and regulations of specified athletic association indicated for this work.
- B. Install athletic field equipment without sharp points, edges, or protrusions; entanglement hazards or pinch, crush, or shear points.
- C. Install safety and warning signage, as follows, in accordance with indicated requirements.

### 3.03 CLEANING

- A. Clean athletic field equipment of construction materials, dirt, stains, filings, and blemishes due to shipment or installation; clean in accordance with manufacturer's instructions, using cleaning agents as recommended by manufacturer.
- B. Clean athletic field area of excess construction materials, debris, and waste.
- C. Remove excess and waste material and dispose of off-site in accordance with requirements of authorities having jurisdiction.

### 3.04 PROTECTION

- A. Protect installed products until Date of Substantial Completion.
- B. Replace damaged products before Date of Substantial Completion.

**END OF SECTION 11 68 33**

**SECTION 11 68 44 – STADIUM SCOREBOARD & OUTDOOR LIVE VIDEO DISPLAY**

PART 1 GENERAL

1.01 GENERAL REQUIREMENTS

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections Division 010000 – General requirements, which are hereby made a part of this section of the Specifications.
- B. Examine all other Sections of the Specifications for requirements which affect work of this Section whether or not such work is specifically mentioned in this Section.
- C. Coordinate work with trades affecting, or affected by, work of this Section. Cooperate with such trades to assure the steady progress of all work under the Contract.

1.02 WORK INCLUDED

- A. Perform all work required to complete the work of this Section, as indicated. Such work includes but is not limited to the following:
- B. Furnish installation, and electrical and communication connections for new electric multi-purpose scoreboard.
- C. LED matrix display

1.03 RELATED WORK UNDER OTHER SECTIONS:

- A. Cast In Place Concrete
- B. Electrical

1.04 LOCATION: At stadium as shown on drawings.

1.05 REFERENCES

- A. ASTM – American Society for Testing and Materials
- B. Standard for Electric Signs, UL 48
- C. Standard for CSA C22.2 #207
- D. Federal Communications Commission Regulation Part 15
- E. National Electric Code

1.06 QUALIFICATIONS FOR BIDDERS

- A. Regulations: Meet and exceed all local codes.
- B. A licensed electrician shall perform all work under this Section.
- C. Furnish copies of all permits to the Owner's Representative prior to requesting payment.
- D. All electrical work shall be installed in compliance with the current National Electrical Code.

1.07 SUBMITTALS

- A. Shop Drawings: Supply shop drawings at an approved scale for location, installation and erection of all parts of the work under this Section including but not limited to the following:
  - 1. Foundation drawings for scoreboard mounting posts and footings stamped by Structural Engineer Registered in the State of Delaware. Contractor shall make no additional monetary claims for structural design fees. It is also assumed the Contractor will review items requiring a structural stamp with a professional engineer prior to bid to ensure the Contractor's bid reflects an appropriate structural design.
- B. Mechanical and electrical drawings for equipment.

- C. Product data: Submit manufacturer's product illustrations, data and literature that fully describe the displays and accessories proposed for installation.
  - D. Material and Selection Samples: Submit samples showing the complete range of colors, textures and finishes available for all components required for construction.
  - E. Maintenance data: Submit manufacturer's installation, operation, and maintenance manuals.
- 1.08 DELIVERY, STORAGE, AND HANDLING
- A. Product delivered on site
  - B. Display and equipment to be housed in a clean, dry environment
- 1.09 PROJECT CONDITIONS
- A. Environmental Limitations: Do not install display equipment until mounting structure is secure and concrete has ample time to cure.
  - B. Field Measurements: Verify position and elevation of structure and its layout for display equipment. Verify dimensions by field measurements.
  - C. Verify mounting structure can support the display's weight and wind load in addition to the auxiliary equipment.
  - D. Installation may proceed within acceptable weather conditions
- 1.10 QUALITY ASSURANCE
- A. Source: For each type of product required for the work of this Section provide products of one manufacturer and source for consistency.
  - B. Code and Standards: Perform site improvements work in compliance with applicable requirements of governing authorities having jurisdiction. Workmanship and finish shall be equal to the best practice of modern shops for each item of work.
  - C. Qualification of Workers: Use adequate numbers of skilled workers who are trained in the necessary crafts and who are completely familiar with the specified requirements and methods needed for proper performance of the work of this Section.
  - D. The work of this section shall be completely coordinated with the work of the other Sections. Verify dimensions and work of the other trades which adjoin materials of this Section before installing items specified.
  - E. LED matrix display for outdoor use.
  - F. Source Limitations: Obtain each type of electronic display through one source from a single manufacturer.
  - G. UL listed to UL 48
  - H. cUL listed to CSA 22.2 #207
  - I. FCC compliant
  - J. Installed per NEC
- 1.11 WARRANTY
- A. Provide 5 years of no cost parts exchange including ground shipping on electronics parts due to manufacturing defects. Depending on the circumstances and at our discretion, Daktronics will exchange or repair and return failed parts.
  - B. Provide toll-free service coordination.
  - C. Provide technical online and phone support during Daktronics business hours.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. Daktronics, Inc., 201 Daktronics Drive, P.O. Box 5128, Brookings, SD 57006-5128

- B. Pixel FLEX, 7500 Eastgate Blvd Suite 100, Mt Juliet TN37122
- C. Varsity Scoreboards, 106 Max Hurt Drive, Murray, Kentucky 42071

2.02 COMMUNICATION TYPE

- A. Fiber Optic (50/125 µm multi-mode)

2.03 PRODUCTS

- A. DISPLAY LVX displays show live and recorded video clips, real-time scores/stats, animations, graphics, and text messages. Modules feature 3 through-hole LEDs per pixel (1 red, 1 green, 1 blue) with 16 mm row and column spacing.  
Basis of Design: Daktronics Live Video Display LVX-3000 – 168X456 – 16MT-NA-25.0
- B. Substitutions: See Section 016000 - Product Requirements.
- C. Cabinet Dimensions:
  - 9'-3" high, 25'-0" wide, 0'-11" deep
  - Matrix size: 168 x 456
  - Weight: 2450 lb (1112 kg)
  - Power requirements: 6210 W
  - Filler panel width: N/A
- D. Cabinet Paint Color
  - 1. Standard: Semi-gloss black on sides only
- E. Construction
  - 1. All-aluminum construction for light weight and corrosion resistance
  - 2. Service Access: Front or Rear
- F. Display Capabilities
  - 1. Color Capacity: 16 bit (281 trillion colors)
  - 2. LED Refresh Rate: 4800 Hz as defined by the number of times per second the LED image is repainted in intensity
  - 3. Display has signal redundancy allowing for signal path both forward and backwards through modules allowing for loss of only 1 module vs. rows or blocks of multiple modules or panels in case of failure.
- G. Viewing Characteristics
  - 1. Module Intensity: 9500 nits (adjustable)
  - 2. Brightness Control: 256 levels (manual, scheduled or automatic)
  - 3. Suggested Viewing Angle: 160° horizontal and +25°/-40° vertical
- H. Pixel Characteristics
  - 1. Each pixel consists of 3 through-hole LEDs per pixel (1 red, 1 green, 1 blue).
    - a. Pixels with an overbalance of one color (e.g. 2 red, 1 green, 1 blue) are not acceptable.
  - 2. Pixel spacing measurement must be measured from the center points of neighboring physical pixels, rather than neighboring physical and virtual pixels.
- I. LED Module Characteristics
  - 1. Module shall be for outdoor use.
  - 2. Module shall have anti-reflective paint or coating applied to display face. Black state across all modules shall exhibit a Delta E color variation of no more than .4.
  - 3. Modules shall have horizontal louvers running between LEDs or pixels.
  - 4. Modules shall be able to be removed and installed from both the front and rear of the display.
  - 5. It is not necessary to remove or insert screws in order to remove or install modules.



6. Module shall be silicon potted on face beneath louver and rear, providing a 100% waterproof seal, regardless of module, cabinet or panel construction.
  - J. Video Processing
    1. Video Frame Rate: 50/60 frames per second
    2. Graphic Frame Rate: 30 frames per second
    3. Processing Architecture: 22-bit distributed
    4. System Architecture: 100% digital
    5. Video Enhancement: Color space conversion, adjustable gamma correction, proprietary sharpening technology and enhancement algorithms for optimal picture quality
  - K. LED Quality
    1. Quality Control: Sorted by intensity and color wavelength
    2. LED Lifetime: 100,000 hours of operation as defined by time at which display intensity has decreased to 50 percent of the original intensity
  - L. Calibration
    1. Pixel-to-pixel and module-to-module optical color calibration must be performed at the factory. The manufacturer must also provide easy-to-use calibration software that allows individual modules and pixels to be independently adjusted while in the display.
    2. If modules should need replacement during the life of the display, the calibration software must match newer modules' brightness levels to older modules' levels to preserve picture quality and maintain a uniform display appearance.
  - M. Display Interface
    1. The full-color video display must be able to interface and display real-time data from the control system without the need for a duplicate or redundant input.
- 2.04 1 VIDEO INPUT CONTROL SYSTEM
- A. 1080P high-definition video input. (Primary Player & Precessor Only)
  - B. Equipment Rack
    1. Dimensions: 15" (381 mm) H x 10.65" (271 mm) W x 14" (356 mm) D; 8HU
    2. A larger rack may be required based on additional optional equipment.
  - C. Media Player
    1. Provide a Digital Media Player (DMP).
    2. Resolution: Up to 1080p 59.94
    3. Video Input: SDI or HDMI up to 1080p 59.94
    4. Video Output: DisplayPort to Video Image Processor
    5. Audio Output: balanced 3-pin XLR
    6. Memory: 16 GB DDR4
    7. Storage: 1 TB
    8. Networking: 10/100/1000 Ethernet (RJ-45 LAN) @1
    9. Dimensions: Half-width 1RU; 1.75" (44.5 mm) H x 8.75"(222 mm) W x 12" (305 mm) D
  - D. Video Processor
    1. Provide a Video Image Processor (VIP).
    2. Video Input: DVI from Daktronics DMP
    3. Video Output: Daktronics ProLink® 6 (fiber optic) @2
    4. Color space conversion: Proprietary LED conversion
    5. Networking: 10/100/1000 Ethernet (RJ-45 LAN) @1
    6. Dimensions: Half-width 1RU; 1.75" (44.5 mm) H x 8.75"(222 mm) W x 12" (305 mm) D
  - E. Network Router – 1 Gigabit

2.05 CONTROL COMPUTER

A. Laptop

1. Operating System: Windows® 11 Pro
2. Processor: Intel® Core™ i5
3. Memory: 16 GB RAM
4. Hard Drive: 500 GB
5. Form Factor: Dell Latitude 5510
6. Laptop may be removed from the control location so content can be created and modified elsewhere. When the laptop is reconnected to the rack, updated content is synced in a matter of minutes.

2.06 CONTROL SOFTWARE

- A. Manufacturer must provide a Windows® 11 based computer with the control software loaded, configured, and ready to control display at startup.
- B. Must be developed by the manufacturer of the Display, Media Player, and Video Processor.
- C. The display's control software must provide simple, user-friendly features for creating, editing, scheduling, running and deleting messages.
- D. Display Software features:
1. Direct control of an infinite number of displays located on a network
  2. Simultaneous display and edit capability
  3. Content playlists with loop, shuffle, random and next play functionality
  4. Thumbnail preview of content clips
  5. Onscreen display monitor
  6. Unlimited, color-coded buttons with adjustable sizes
  7. Multiple operator workspaces
  8. Support input devices such as a mouse, keyboard, touch screen, and dual monitor
  9. Icon and pull-down menu programming features
  10. Help screens
- E. Content Editor Software features:
1. Display of TrueType fonts and other Windows® compatible character fonts
  2. Inline text editing
  3. Outlined, Drop shadowed, Bold, Italic, and Underlined text modes
  4. Ability to copy and paste text from most Windows applications
  5. Import common image and animation formats, including BMP, JPEG and AVI
  6. Content preview
  7. Content layering
  8. Real-time data (RTD) integration allows operators to create messages with information that automatically updates without user intervention. Such data may include scores, game time, player/team statistics, time-of-day, date or temperature.
  9. Profanity Protection and Spell Check
  10. Multiple transition effects for entry, hold and exit
- F. FOOTBALL SCOREBOARD
1. Basis of Design: Daktronics FB-2036-W-PV-F or approved equal
  2. Dimensions: 4'-0"H x 25'-0" W
  3. Digit Type: Pana View
  4. Digit Color: White
  5. Scoreboard Backlit Captions
  6. TNMC 8x48 White LED – 8x48 34mm LED Team Name Message Center, Set of 2
  7. Conversion Kit - Lacrosse / Field Hockey Captions
  8. Conversion Kit – Soccer SOG, HALF and blank panel captions

9. White Outdoor Colon Indicator for Outdoor Scoreboard. Electronic Colon Indicator replaces Vinyl Colon in Clock
  10. 12 VDC Trumpet Horn w/ power supply
- A. SCOREBOARD CONSOLE – Furnish and Install a wireless Daktronics All Sport 1600 controller capable of scoring multiple sports through the use of keyboard inserts and other All sport-controlled scoreboards. Console shall have a maximum power requirement of 3 watts. Console shall recall clock, score and period information if power is lost. Console shall be capable of automatically calculating and displaying DOWN & TO GO for each play. Runs Time of Day and Segment Timer modes. Console shall also include the following:
1. A rugged aluminum enclosure to house electronics
  2. A sealed membrane water-resistant keyboard.
  3. A 32-character LCD to verify entries and recall information currently displayed
  4. A 6' power cord to plug into a standard grounded 120 V AC outlet.
  5. A 20' control cable to connect to the control receptacle junction box.
  6. Hand-held switch for main clock start/stop and horn.
  7. Hard carrying case for console.
  8. All Sport CG HD - Wireless
  9. 2.4 GHz spread spectrum radio system with frequency hopping technology and 64 non-interfering channels: system includes a transmitter installed inside the console and a receiver installed inside the scoreboard.
  11. Provide two (2) battery packs.
11. Quantity: provide one (1) console for each scoreboard unit – three (3) total
- G. DECORATIVE ACCENTS
- a. Square Truss; Alum, 3ft tall x 8ft 6in long at 2 Non-Backlit Lettering/Logo & Screen Backing.
  - b. Outdoor Non-Backlit Ad Panel, above or below the display. Dimensions: 3' 0" H x 25' 0" Long – Horizontal.
  - c. Basis of Design: Daktronics DA-1000-25 with Non Backlit Lettering and Screen Backing
- H. ACCESSORIES
1. All Sports Pro Wireless Access Point
  2. Fiber Optic Cable, 50 µm Multimode, 12 Fiber with non- terminated ends – 1000 ft.
  3. All Sports Radio Antenna Extension Kit 50ft
  4. Score App with All Sport MX-1 Mobile Scoring Kit and Gen VI Radio Transmitter

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify that mounting structure is ready to receive the display. Verify that placement of conduit and junction boxes are as specified and indicated in plans and shop drawings. Verify concrete has cured adequately according to specifications.

3.02 INSTALLATION

- A. Install Scoreboard plumb and true to grade as shown on the drawings and as directed by the manufacturer in accordance with the approved shop drawings. Scoreboard shall be mounted so that the bottom of the scoreboard is 10' above finish grade.
- B. Contractor to provide foundation drawings for scoreboard mounting posts and footings stamped by Structural Engineer Registered in the State of Delaware. Contractor shall install scoreboard in accordance with these submittals. Concrete footing for scoreboard shall not come to finish grade. Top of concrete footing shall be a minimum of 6" below finished grade.
- C. Scoreboard mounting posts to be primed and painted black.
- D. All power and control cables to display will be routed in conduit. Power to the display as well as raceways shown on electrical plans by the Electrical Contractor. Display control wiring including conduit will be the responsibility of the contractor assigned the display equipment.
- E. Install display to beams in location detailed and in accordance with manufacturer's instructions. Verify unit is plumb and level.
- F. Test the operation of the scoreboard, sound box, controller and all control jacks, leave control unit in carrying case and other loose items with owner's designated representative. Conduct operator training for the owner on the scoreboard/controller operation

3.03 INSTALLATION—CONTROL CENTER

- A. Provide boxes, cover plates and jacks in locations per plans.
- B. Test the operation of the display, controller and all control jacks; leave control unit and other loose items with owner's designated representative.
- C. Conduct operator training on the display/controller operation.
- D. Manufacturer must supply all required signal conversion hardware to allow for direct wire control of electronic display.

3.04 CLEAN UP

- A. Upon completion of the work, the Contractor shall remove all containers, surplus materials and debris. The site will be left in a clean orderly manner acceptable to the Owner and Architect/Civil Engineer.

**END OF SECTION**