

ADDENDUM NO. 3

August 10, 2023

New Castle County Vocational Technical School District

Hodgson Vo-Tech High School

Bid Package B - Sitework and Utilities

Page 1

**The Bid Due Date and Bid Opening date has been changed to
Thursday, August 17, 2023 @ 2:00 PM.**

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 referenced project, dated May 25, 2023, 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.
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 **2:00 PM local time on Thursday, August 17, 2023**. The outer envelope should clearly indicate: "NEW CASTLE COUNTY VOCATIONAL TECHNICAL SCHOOL DISTRICT - HODGSON VO-TECH TURF PRACTICE FIELD – BID PACK B - _____ 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.

QUESTIONS AND ANSWERS:

1. See attached RFI log with responses, dated August 10, 2023.

MODIFICATIONS TO SPECIFICATIONS:

1. SECTION 000115 LIST OF DRAWINGS – DELETE this section in its entirety and INSERT revised section, annotated Addendum No 3 and dated August 10, 2023.
2. SECTION 011100 SUMMARY OF WORK – DELETE this section in its entirety and INSERT revised section, annotated Addendum No. 3, and dated August 10, 2023.



**MODIFICATIONS TO DRAWINGS:**

1. Attachment B - Drawings C001, C100, and C103, annotated Addendum No. 3 and dated August 10, 2023. This attachment identifies fencing requirements along the project frontage.
2. DELETE and INSERT the following revised drawings annotated Addendum No. 3 and dated August 10, 2023:

C100 - C107	Existing Conditions and Demolition Plan
C110 - C117	Site Layout and Utility Plan
C120 - C127	Grading Plan
C130 - C137	Storm Drainage Profiles
C350 - C355	Sanitary Sewer Details
C501	Site Construction Details

LIST OF ATTACHMENTS:

Pre-Bid RFI Questions and Answers Log dated August 10, 2023

Section 000115 - List of Drawings

Attachment B dated August 10, 2023

C100 - C107 Existing Conditions and Demolition Plan

C110 - C117 Site Layout and Utility Plan

C120 - C127 Grading Plan

C130 - C137 Storm Drainage Profiles

C350 - C355 Sanitary Sewer Details

C501 Site Construction Details

End of Addendum No. 3





RFI No.	Date	Submitted By	Sheet No.	Detail/Section	Question	EDIS/NCCVT Response	Design Team Response	Addendum
001	7/24/23	Reybold			Are the DBE requirements for this project a quota or a goal? The reason I ask is because the RFP for the project states seven percent (7%) of the contractors for the project are DBEs. Also, there is no mention of utilizing the six good faith efforts in soliciting DBE participation.	Goal, not a mandate. However, the state will be utilizing the Rubric within the bid documents to review the bid proposals and having the goal % of DBE participation or higher will be an advantage via the Rubric.		2
002	7/24/23	Reybold			The Delaware Office of Supplier Diversity offers a dataset of 933 businesses with one or more of the following certifications. Do all these certifications meet the requirement to be considered a DBE business? The reason I ask is there are jurisdictions in the state of Delaware that do not consider WBE businesses eligible as DBE's. a. Minority Business Enterprise (MBE) b. Woman Business Enterprise (WBE) c. Veteran Owned Business Enterprise (VOBE) d. Service Disabled Veteran Owned Business Enterprise (SDVOBE) e. Individual with Disabilities Owned Business Enterprise (IWDBE)	All DBE contractors or suppliers utilized for this project must be registered with DelDOT or OSD. a. through e. - all apply		2
003	7/24/23	Reybold			Regarding the cooperative program for students to work on this project, are there any requirements bidders must consider for this? Will we be required to have students involved with sitework activities? Will they be assisting with our crews? Have insurance and liability issues been considered if someone got injured or property damage occurs?	BP-B contracts have not been assigned any specific requirements for COOP participation. The contracts related to BP-B do not lend themselves to NCCVT COOP participation.		2
004	7/24/23	Reybold			Are CAD files available for the project? Since there are 86 drawings in the package and a bid due date of August 15th, it will be beneficial to have these files to submit bids on time.	CAD files are available for use by the contractors. There is a CAD release form in Addendum #1 that must be submitted to EDiS and the files can be released for your use.		1
005	8/1/23	Reybold			Contract B-02 Sitework & Utilities scope of work item 10 - Aren't the water meters provided by Artesian Water Company?	Artesian Water will supply the water meter.		2
006	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 24 - What should we include for a duration for watering and grass cutting, the completion of phase 1 & 1A in this contract or completion of all project phases?	See Bid schedule (Addm #2) and specifications for details. At a minimum until substantial completion of building, acceptance by the owner and final acceptance from DNREC.		2



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007	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 24 - At what point would a permanent certificate of occupancy be issued so that the contractor is no longer responsible for all weeding, watering, fertilization, and grass cutting? The reason I ask is that the DelDOT entrance work would have to be complete for a permanent CO to be issued. The DelDOT entrance work is not in this contract.	See Bid schedule in Addendum #2		2
008	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 29 - Is the installation location for the temporary water source known? What size water supply are we to provide?	B-02 Scope of work calls out this information.		2
009	8/1/23	Reybold	C217/C208		Drawing C217 - Does the SCE shown straddling the line between phases 1A and 2A need to be installed in this contract? This SCE is shown completely in phase 2A on drawing C208.		The SCE on C217 is not installed in this contract	2
010	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 36 - "This contractor shall include in their proposal the import of stone dust fill equal to 10% of the overall volumes of soils available on site." a. Is there a CY quantity of overall volume of soil available on site that can be provided so all bidders. b. If not, is there any suggestion as to how the contractor is to determine this volume?	B-02 scope of work identifies the requirements for the use of onsite materials and the requirement for imported fill to meet the project grade/elevations. The contractor is to utilize all available contract documents to determine the volumes of material available, which includes grading and re-work of onsite materials and off site imported fill as required.		3
011	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 36 - Are there any designated borrow pit areas available on the project site?	There are no borrow pit areas within phase 1 & 1A.		2
012	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 36 - If onsite soils are found to be unsuitable during earthwork of utility installations, will a unit price for importing suitable material for site fill and trench backfill be used?	It is the intent of the B-02 scope of work that the contractor is to utilize the on site materials, and manage them as described in the specifications and scope of work. If after all measures identified which includes, mixing, discing, drying etc. have been utilized and the Geo-Technical engineer deems portions of the material as unsuitable. A negotiated cost will be established for importing suitable fill. See Addendum #3 for utility backfill requirements.		3



RFI No.	Date	Submitted By	Sheet No.	Detail/Section	Question	EDIS/NCCVT Response	Design Team Response	Addendum
013	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 49 - What should we include for a duration for temporary fencing rental, the completion of phase 1 & 1A in this contract or completion of all project phases?	Completion of Phase 1 and 1A.		2
014	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 71 - The allowance amount is \$150,000. The bid form allowance amount is \$160,000. Which is correct?	Item 18 - Includes an Allowance of \$10,000 for work related to fence post replacement as necessary. Total is \$160,000		2
015	8/1/23	Reybold	C121		Drawing C121 - There are several roof drains (RD-7,8,9,10, &11) within the building footprint. Are these roof drain locations correct? If so, will the plumber be installing roof drains within the building footprint?		Roof drain locations are correct and everything inside the building footprint will be installed by the plumber	2
016	8/1/23	Reybold	C136		Drawing C136 - The roof drain schedule is missing from the drawing. It is in the storm system CAD file but not all bidders may have the AutoCAD program to open CAD files		Roof drain table has been added to C136	2
017	8/1/23	Reybold	C137		Drawing C137 - FES-3 is mislabeled as 24" in the flared end section schedule. It should be 36."		FES-3 has been corrected to 36"	2
018	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 8 - The 8" waterline to be installed in phase 1 is shown running through curb and pavement areas in phase 2A. These curbs and pavements will be demolished in a later contract phase of the project. What level of restoration of curb and pavement will be required in phase 2A area during the B-02 contract?	Areas shall be backfilled with compacted soils and a pavement section patch to match existing.		2
019	8/1/23	Reybold	C116	011100	Contract B-02 Sitework & Utilities scope of work item 8 - The water meter pit is shown beside the existing 10" water main on drawing C116. a. Shouldn't this pit be inline with the main since it has an internal bypass? b. If the pit is to remain in the plan location, should connections to the 10" main be made by wet taps or will a shutdown be allowed? c. The meter pit detail on drawing C501 calls for 8" pipe and internals. Should this be 10" since this is a 10" main being metered?	Item b. Provide a wet taps at all locations.	a. The pit will not be inline b. scope question c. Changed to 10" on the detail on C501	2



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020	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 74 - Who is responsible for installing the condensate lines and making the connections to the roof drain piping?	This work to be provided by a future contract in subsequent bid package.		2
021	8/1/23	Reybold	C500	011100	Contract B-02 Sitework & Utilities scope of work item 74 - There is a roof drain cleanout detail shown on drawing C500, however no cleanouts are shown on the roof drain piping. Can the locations of the cleanouts be provided?		Cleanouts have been added on sheets C110, C111, C113, & C114	2
022	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 74 - Are ADS Inserta Tee® lateral connections to the header piping permitted?	per Civil engineer the use of ADS connections to the header piping is permitted.		2
023	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 74 - Who is responsible for installing the roof drain piping, catch basins, and storm piping in the courtyard and dining court?	Contract B-02 Sitework & Utilities provides this work.		2
024	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 74 - Where are roof drain pipes 32 and 33 located?		RD-32 and RD-33 come off of the fieldhouse	2
025	8/1/23	Reybold	C124		Drawing C124 - Is there a layout for the J-Drains under the turf outdoor P.E. space and a specification for the same?	Per design engineer the J drains are not required.		2
027	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 12 - Is there any specification or detail for the manual and automatic gates?		Manual and automatic gates shall be deleted from this bid pack and included in a later one.	3
028	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 12 - Are there any decorative bollards on the drawings? I can't locate any.		No.	2
029	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 12 - Are the bollards on each side of the overhead doors in the auto and paint shop courtyard included in our scope of work?	Yes, Contract B-02 Sitework and Utilities to provide bollards.		2
030	8/1/23	Reybold		011100, 323113	Contract B-02 Sitework & Utilities scope of work item 14 - Can a detail or specification of the ornamental fence be provided? There is no mention in Section 323113 - Chain Link Fences and Gates.		No ornamental fence in this bid pac.	2



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031	8/1/23	Reybold	C500	323113	Drawing C500 chain link fence detail calls for vinyl coated mesh. Section 323113 - Chain Link Fences and Gates calls for zinc coated mesh. Which is correct?		Vinyl coated	2
032	8/1/23	Reybold			What type of paint is required for line striping onsite, waterborne latex or epoxy? Is thermoplastic required for stop bars and crosswalks?		Waterborne latex Thermoplastic is required for the stop bars and crosswalks	2
033	8/1/23	Reybold	C110		Drawing C110 - Should we include a crosswalk between the handicap ramp in the parking area and the handicap ramp at the building?		Crosswalk added.	2
034	8/1/23	Reybold	C133	107500	Drawing C133 & Specification 107500 Flagpoles - Are all three flagpoles the same 40 feet in height? Typically, the center pole for the American flag is taller than the other two.		40' for the center one and 36' for the other two.	3
035	8/1/23	Reybold	C502 & C355		Drawings C502 & C355 - There is no vent piping shown on the plans for the oil/water interceptor. The detail says there should be piping shown.		Provide 3-inch interceptor vent piping. Connect below grade to interceptors and route combined 3-inch vent back to building. Terminate vent piping 4 feet outside building exterior wall for future connection under a separate bid package.	3
036	8/1/23	Reybold	C502 & C355		Drawings C502 & C355 - The detail for the grease trap is using cast iron for piping. Is SDR-26 PVC an acceptable alternative?		Yes	2
037	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 15 - Where are the chain link fence mesh replacement locations along Glasgow Avenue as indicated on the contract documents?	Item 15 - Include \$10,000 allowance as indicated.		2
038	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 16, & 17 - What should we include for a duration to maintain these items, the completion of phase 1 & 1A in this contract or completion of all project phases?	See schedule provided by addendum.		2
039	8/1/23	Reybold	C204, C207, C208	011100	Contract B-02 Sitework & Utilities scope of work item 26 - Drawings C204, C207, And C208 indicate a 1/2" temporary waterline. The scope of work item 26 says 1-1/2". Which is correct?		Changed to 1-1/2" on sheets C204, C207, and C208	2



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040	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 40 - Pavers are in this scope item. I don't see any of them in the drawings. Are there pavers in this contract?	Not included in this bid package.		2
041	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 41 - Bumper blocks are in this scope item. I don't see any of them in the drawings. Are there bumper blocks in this contract?		There are bumper blocks in the maintenance yard.	2
042	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 51 - Does this item include the connections from the roof drain laterals to the turn up and boot for the downspouts?	Yes, Contract B-02 to provide this work.		2
043	8/1/23	Reybold		011100	Contract B-02 Sitework & Utilities scope of work item 56 - What should we include for a duration for street cleaning, the completion of phase 1 & 1A in this contract or completion of all project phases?	See schedule provided by addendum.		2
044	8/1/23	Reybold	C300	011100	Contract B-02 Sitework & Utilities scope of work item 61 & 62 - Is site landscaping in this contract? We also need to know where the planting beds are so planting soil can be placed. I only see a landscaping plan C300 for the bioretention areas.	This Contract B-02 Sitework & Utilities to provide only the landscape and plantings reflected on the documents.		2
045	8/1/23	Reybold	C110	011100	Contract B-02 Sitework & Utilities scope of work item 64 - Does this item include sodding the curb islands on drawing C110?	Yes, provide sod at these areas.		2
046	8/1/23	Reybold	C110	011100	Contract B-02 Sitework & Utilities scope of work item 70 and Drawing C110 - Can a drawing be made available that shows what the curb layout would look like along the south side of just the base bid parking lot area? If the alternate is not taken, we need to be able to figure the amount of curb in the base bid. The drawing just shows a line cutting through the parking lot.		No.	2
047	8/1/23	Reybold	C454		Drawing C454 - What is the pavement section for the temporary construction entrance driveway?		Heavy duty pavement section	2



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048	8/1/23	Reybold	C456, C204		Drawing C456 depicts a silt fence along the property line adjacent to Glasgow Avenue. Drawing C204 has no silt fence along the property line, and it has a different LOD than C456. Should we install this silt fence along the property line adjacent to Glasgow Avenue?		No, this is a future Phase work.	3
049	8/1/23	Reybold	C111		Drawing C111 - What are the objects highlighted in these two images?		The circles are columns and the bottom are loading dock doors. Both are not a concern for Bid Pac B.	2
050	8/1/23	Reybold	C900		Please clarify the type of pipe for the water main. Is it ductile iron or C900 PVC? If ductile iron, what class, 50 or 52?		Ductile iron	2
051	8/1/23	Reybold	C110		Drawing C110 - Site Layout and Utility Plan - Addendum 1. There is a driveway at the south corner of the building. It has a hatch for heavy duty pavement. Is this correct? If so, should the sidewalk at this location be increased to 6" thickness?		Hatching has been changed. This is not a heavy duty section.	2
052	8/1/23	Reybold		221113	Specification Section 221113 - Facility Water Distribution Piping makes repeated references to Artesian Water Company specifications. I cannot obtain these specifications from the Artesian website. Can a copy of the specifications be provided by the engineer?		Contractor to coordinate with Artesian	2
053	8/8/23	Kent			Would you please verify Bottom of Curb elevations throughout drawings? In many places BC elevations are illegible		See Drawings Nos. C121 through C127 reissued in Addendum 3 for improved BC legibility. Except as may be required at any technical revisions, these reissued drawings are not tagged and clouded.	3
054	8/8/23	Kent		C121, C122	Original drawings, Addendum 1 drawings on C121 Grading Plan and Addendum 2 C122 Grading Plan do not align with CAD contours		The addendum 2 drawings are most up to date. Grading was slightly revised in that area.	3
055	8/8/23	Corrado		Section 011100, B-02	Based on SOW for Contract B-02 sitework, only work in Phase 1 & 1A is to be performed under this contract, correct?	This contract include only the work associated with Phase 1 and Phase 1A		3
056	8/8/23	Corrado			The existing school is in phase 2 so it will not be removed during this contract, correct?	The Demolition of the existing school is Phase 2 and will be included in a later bid package.		3



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057	8/8/23	Corrado			EDIS referred to demolition of structures to slab and site contractor is responsible for foundation and slab demolition. Are there any drawings showing below grade foundations for accurate takeoff?	There are no additional documents provided on the existing foundations, slabs etc. other than whats in the construction documents provided. The contractors are responsible to review the existing conditions on site in preparation for submitting their bid.		3
058	8/8/23	Corrado		Section 011100, B-02	SOW item 5 requires us to use a licensed surveyor. Since Owner / EDIS is supplying the benchmarks and horizontal controls can this be waived? Most if not all contractors have their own layout crews and use GPS equipment for grading, all layout will be based on the controls set by licensed surveyor.	The benchmarks and horizontal controls will be supplied by a licensed surveyor. The layout of the contractors work is the contractors responsibility and therefore the contractor is responsible for its accuracy, errors and corrective actions. A licensed surveyor is recommended but not required.		3
059	8/8/23	Corrado		Section 011100, B-02	Rubble referred to in add #1 SOW #28 will be removed under an allowance or unit price? We would have no way of knowing extent of rubble to quantify.	Rubble if encountered would be removed under a negotiated cost basis. the sidewalks, slabs, foundations etc. are part of the base bid scope of work.		3
060	8/8/23	Corrado			The existing / demolition plans provide no inverts or depths for UG utilities to be removed. We can assume most water and electric is 3-4' deep but sanitary could be considerably deeper, can plans be provided showing existing inverts?		Demo set has been reissued for addendum #3 that shows the sanitary and storm inverts.	3
061	8/8/23	Corrado			Are there architectural and structural plans which can be provided for this bid?		Not available in this bid pack. Later bid packs shall include any civil scope adjustments required to coordinate with architectural and structural drawings. See also RFI No. 62 below.	3
062	8/8/23	Corrado			Please provide section for new building SOG and stone.		For bidding purposes, assume a 4" slab on grade atop 6" of stone.	3
063	8/8/23	Corrado			We are to provide flagpoles, standard bollards, decorative bollards and bike racks, can you provide locations for the site amenities, they are not noted on plans?		There are no decorative bollards. Bike racks and flagpoles are on C113. Standard bollards are labeled on multiple layout sheets.	3
064	8/8/23	Corrado			No details are provided for flagpoles, decorative bollards and bike racks; no spec. is provided for decorative bollards and bike racks; can this information be provided?		There are no decorative bollards. Bike rack detail is on C502.	3



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065	8/8/23	Corrado		Section 011100, B-02	Per SOW 18 the only fence noted on Glasgow Avenue is to remove for the temporary entrance, no note to install or replace, please confirm this is only work on Glasgow Ave. on phase 1 & 1A.	The entire length of the fence along the Glasgow Avenue side of the site shall have the existing mesh removed and be re-fenced with new wire mesh #9 mesh, black PVC coated fencing. The allowance noted applies to any posts that may be damaged and need replacement. See drawing Attachment "B" included in Addendum #3.		3
066	8/8/23	Corrado		Section 011100, B-02	SOW #43 for pavers and synthetic turf, can locations for these items be provided, they are not noted on plans?		The Pavers and Synthetic turf are not include in the BP-B work. They will be incorporated in the future BP-D Building package.	3
067	8/8/23	Corrado			Can a detail and specification be provided for pavers and synthetic turf?	See Answer to RFI 066		3
068	8/8/23	Corrado			What size concrete wheel stops are we to provide, no detail provided?		Detail added on C501	3
069	8/8/23	Corrado		Section 011100, B-02	SOW 59, if we provide street cleaning everyday even when not onsite this could run into 6 dollar figures, would it not be more economical for each contractor onsite to be responsible for cleanup?	Contract B-02 Scope item #59, will be clarified in Addendum #3		3
070	8/8/23	Corrado		Section 011100, B-02	SOW 66 provide fabric and weed check in the planter area, the only planter area shown on drawings is SWN pond. Please provide a plan showing the planter areas.		The only plantings are within the bioretention area. No fabric should be used in the bioretention area.	3
071	8/8/23	Corrado		Section 011100, B-02	SOW 75 can a logistics plan be provided showing the temporary fence and gates to be installed?	Contract B-02 scope item #52 and #75 both relate to temporary fencing and will be coordinated by the CM and the contractor on site. Include the costs associated with these two scope items within your base bid.		3
072	8/8/23	Corrado			Undercut of unsuitable soil and replacement will be compensated under unit price?	See RFI 012 for response.		3
073	8/8/23	Corrado			What is the surface of the open-air courtyard?		Surfacing of all courtyards shall be deleted from this bid pack and included in a later one.	3
074	8/8/23	Corrado	C124	Section 011100, B-02	SOW 79 refers to installing the turf on C124, we assume this is the athletic field since nothing is noted as turf surfacing. Isn't the athletic field beyond phase 1 / 1A and not included in this bid?	Contract B-02 scope item #79 refers to work outside of this contract.		3



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075	8/9/23	Reybold			Addendum 2 RFI 037 response to include a \$10,000 allowance only covers post and rail replacement as stated in the scope of work item. This still doesn't address my original question about the locations of chain link mesh replacement along Glasgow Avenue which are supposed to be indicated on the contract documents?	See RFI 065 response. The work is not indicated on the drawings but shall encompass the entire length of the fencing located along Glasgow Avenue and the Phase 1 and 1A L.O.D. line upto the entrance main entrance of the high school.		3
076	8/9/23	Reybold			Addendum 2 RFI 042 response is to include the roof drain lateral connection to the downspouts. a. What are the sizes of the downspouts so we can get the correct adapter? b. What type of downspout boot is required (Model Number, etc.)? c. Are splash blocks required at each roof drain lateral connection?		There are no downspouts.	3
077	8/9/23	Reybold	C900		Addendum 2 RFI 050 response is incomplete. What class of ductile iron pipe is required, class 50 or 52?		Class 50	3
078	8/9/23	Reybold	C110		Addendum 2 RFI 051 response is incomplete. I see the revised hatching on drawing C110 but no explanation of what this is. Is it asphalt pavement, concrete? What is the section thickness?		Standard pavement section.	3
079	8/9/23	Reybold			What is the thickness of the building floor slab and stone subbase? What elevation should leave the building pad?		Refer to answer to RFI No. 62 above.	3
080	8/9/23	Reybold			Regarding the DBE goal for this project, can bidders submit information on their efforts to solicit and obtain proposals from DBE subcontractors?	Bids will be evaluated based upon the Instructions to Bidders section 002113 included in the bidding documents.		3

SECTION 000115 - LIST OF DRAWINGS

This Bid Package includes, by reference, the following previous Bid Package documentation:

BPA Turf Field Specifications dated February 20, 2023

BPA Turf Field Drawings dated February 16, 2023

BPA Addendum #1 dated March 30, 2023

BPA Addendum #2 dated April 3, 2023

DRWG NO.	DRAWING NAME	BID PACKS	ISSUE DATE	LATEST REV. DATE
C001	Index Plan	B	7/18/23	7/31/23
C100	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C101	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C102	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C103	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C104	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C105	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C106	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C107	Existing Conditions and Demolition Plan	B	7/18/23	8/10/23
C110	Site Layout and Utility Plan	B	7/18/23	8/10/23
C111	Site Layout and Utility Plan	B	7/18/23	8/10/23
C112	Site Layout and Utility Plan	B	7/18/23	8/10/23
C113	Site Layout and Utility Plan	B	7/18/23	8/10/23
C114	Site Layout and Utility Plan	B	7/18/23	8/10/23
C115	Site Layout and Utility Plan	B	7/18/23	8/10/23
C116	Site Layout and Utility Plan	B	7/18/23	8/10/23
C117	Site Layout and Utility Plan	B	7/18/23	8/10/23
C120	Grading Plan	B	7/18/23	8/10/23
C121	Grading Plan	B	7/18/23	8/10/23
C122	Grading Plan	B	7/18/23	8/10/23
C123	Grading Plan	B	7/18/23	8/10/23
C124	Grading Plan	B	7/18/23	8/10/23
C125	Grading Plan	B	7/18/23	8/10/23
C126	Grading Plan	B	7/18/23	8/10/23
C127	Grading Plan	B	7/18/23	8/10/23
C130	Storm Drainage Profiles	B	7/18/23	8/10/23
C131	Storm Drainage Profiles	B	7/18/23	8/10/23
C132	Storm Drainage Profiles	B	7/18/23	8/10/23
C133	Storm Drainage Profiles	B	7/18/23	8/10/23
C134	Storm Drainage Profiles	B	7/18/23	8/10/23
C135	Storm Drainage Profiles	B	7/18/23	8/10/23
C136	Storm Drainage Profiles	B	7/18/23	8/10/23
C137	Storm Drainage Profiles	B	7/18/23	8/10/23

DRWG NO.	DRAWING NAME	BID PACKS	ISSUE DATE	LATEST REV. DATE
C201	Cover Sheet & General Notes	B	7/18/23	
C202	Overall Construction Site Phasing Plan	B	7/18/23	
C203	Overall Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C204	Pre-Construction Site Stormwater Management Plan	B	7/18/23	8/7/23
C205	Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C206	Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C207	Pre-Construction Site Stormwater Management Plan	B	7/18/23	8/7/23
C208	Pre-Construction Site Stormwater Management Plan	B	7/18/23	8/7/23
C209	Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C210	Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C211	Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C212	Overall Pre-Construction Site Stormwater Management Plan	B	7/18/23	
C213	Construction Site Stormwater Management Plan	B	7/18/23	
C214	Construction Site Stormwater Management Plan	B	7/18/23	7/31/23
C215	Construction Site Stormwater Management Plan	B	7/18/23	8/7/23
C216	Construction Site Stormwater Management Plan	B	7/18/23	
C217	Construction Site Stormwater Management Plan	B	7/18/23	
C218	Construction Site Stormwater Management Plan	B	7/18/23	
C219	Construction Site Stormwater Management Plan	B	7/18/23	
C220	Construction Site Stormwater Management Plan	B	7/18/23	7/31/23
C221	Construction Site Stormwater Management Details	B	7/18/23	
C222	Construction Site Stormwater Management Details	B	7/18/23	
C230	Post-Construction Stormwater Management Plan Facility #1	B	7/18/23	7/31/23
C231	Post-Construction Stormwater Management Plan Facility #1	B	7/18/23	7/31/23
C232	Post-Construction Stormwater Management Plan Facility #2	B	7/18/23	8/7/23
C233	Post-Construction Stormwater Management Plan Facility #2	B	7/18/23	7/31/23
C234	Post-Construction Stormwater Management Plan Facility #3	B	7/18/23	
C235	Post-Construction Stormwater Management Plan Facility #3	B	7/18/23	
C300	Landscape Plan	B	7/18/23	7/31/23
C350	Sanitary Sewer Index Plan	B	7/18/23	8/10/23
C351	Sanitary Sewer Plan and Profiles	B	7/18/23	8/10/23
C352	Sanitary Sewer Plan and Profiles	B	7/18/23	8/10/23
C353	Sanitary Sewer Plan and Profiles	B	7/18/23	8/10/23
C354	Sanitary Sewer Plan and Profiles	B	7/18/23	8/10/23
C355	Sanitary Sewer Details	B	7/18/23	8/10/23
C400	Fire Marshal Record Type Plan	B	7/18/23	
C401	Fire Marshal Record Type Plan	B	7/18/23	
C402	Fire Marshal Record Type Plan	B	7/18/23	
C403	Fire Marshal Record Type Plan	B	7/18/23	
C404	Fire Marshal Record Type Plan	B	7/18/23	
C450	Commercial Entrance Plans	B	7/18/23	

DRWG NO.	DRAWING NAME	BID PACKS	ISSUE DATE	
C451	Commercial Entrance Plans	B	7/18/23	
C452	Commercial Entrance Plans	B	7/18/23	
C453	Commercial Entrance Plans	B	7/18/23	
C454	Commercial Entrance Plans	B	7/18/23	
C455	Commercial Entrance Plans	B	7/18/23	
C456	Commercial Entrance Plans	B	7/18/23	
C457	Commercial Entrance Plans	B	7/18/23	
C458	Commercial Entrance Plans	B	7/18/23	
C459	Commercial Entrance Plans	B	7/18/23	
C500	Site Construction Details	B	7/18/23	
C501	Site Construction Details	B	7/18/23	8/10/23
C502	Site Construction Details	B	7/18/23	

END OF SECTION

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.

- 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 cooperate 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.
 - 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.
- 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 clean up 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.
- 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.

CONTRACT NO. B-01 Demolition Above Grade/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 31	Earthwork

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** (Addendum No. 1), 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 indicated for contract B-01 and included within the scope and specifications. This contractor is responsible for all the demolition notes detailed on drawings the contract documents. Coordination of onsite utilities and disconnecting/capping of water, irrigation, electric and other identified utilities is the responsibility of this contractor.
2. **This contractor shall supply all power and water required to perform the scope of their contract work** (Addendum No. 1).
3. 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.
4. Provide demolition work as defined in the contract documents and identified to be provided by this Contract B-01. Reference **Attachment "A"** (Addendum No. 1) drawings provided in bid documents.
5. Work related to Phase 1 and Phase 1A are to be included in this contract scope.
6. Demolish all structures and buildings and their appertains construction to the current grade elevation. This contract includes only above grade demolition. Below grade piping, conduits, footings, slabs, track etc. to remain.
7. This contract includes removal of all fencing, backstops, wire cages etc. including the concrete supports for the post. Complete removal and disposal. **All holes in the ground from the post/concrete removal shall be filled with soil and hand tamped for compaction and safety requirements. If off site soils are required they will be provided by this contractor.** (Addendum No. 1)

8. **This Contractor to remove the existing scoreboard down to grade and remove all materials from site. Contract B-02 will remove the UG foundations and utilities. (Addendum No. 1)**
9. 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 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.
10. 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.
11. 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.
12. Remove from site all debris, concrete, masonry in a legal manner.
13. Items of demolition shall include, but not necessarily be limited to, complete structures, masonry walls, all equipment within defined demolition areas. Remove all existing utility (MEP) piping, conduits, cable, etc. within the building **to grade elevation. to 5' outside of building footprint. (Addendum No. 1)** Utilities outside of this 5' perimeter will be part of Contract BP-2 Sitework
14. 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).
15. This contractor is to remove all fluids and refrigerants from existing mechanical, plumbing, fire protection piping, and electrical equipment 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. (Addendum No. 1)**
16. 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.
17. 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)

18. 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.
19. All light, power, water 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.
20. 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.
21. 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.
22. This Contractor shall provide any and all "fire watch" personnel required due to the Contractor's cutting, burning, welding or other open flame activity.
23. 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.
24. 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.
25. This Contractor shall maintain all required means of egress into and out of the project site, no roadways shall be blocked or deemed inaccessible.
26. 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.** (Addendum No. 1) This Contractor shall notify all such authorities in advance and obtain their approval and cooperation in shutting off utilities. All costs associated with disconnecting utilities shall be borne by this Contractor.
27. 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.
28. 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.

29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. Provide a \$50,000 allowance, included in base bid, to be used at the discretion of the Construction Manager.
40. **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. (Addendum No. 1)**

CONTRACT B-03 (Addendum No. 2) B-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 221113	Facility Water Distribution Piping
Section 221313	Facility sanitary Sewers
Section 312000	Earth Moving
Section 321216	Asphalt Paving
Section 321313	Concrete Paving
Section 323113	Chain Link Fences and Gates
Section 334100	Storm Utility Drainage Piping
Section 107500	Flagpoles

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/seedling. Exterior slabs and pads shown on the structural plans will be provided by Concrete Contractor. 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. Provide demolition work as defined on the contract documents and identified to be provided by this Contract B-02. Reference **Attachment "A" (Addendum No. 1)** drawings provided in bid documents. Work related to Phase 1 and Phase 1A are to be included in this contract scope.
3. **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. (Addendum No. 1)**
4. **Provide dumpsters as required for the scope of work of your contract. The CM and Owner will not provide any dumpsters for this contract. (Addendum No. 1)**
5. This contractor to supply their own source of power for the scope of work included in this contract. No power will be provided by the Owner or CM.
6. 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.

7. This contract is to provide work associated with Phase 1 and Phase 1A as detailed on the contract documents.
8. 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.
9. 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.** (Addendum No. 1)
10. 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 Contractor/Excavator 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 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.
11. Provide all required water service piping to include service provider approved pit, valves, meter, back flow preventer, etc. Also include wet tap tie in at existing service main.
12. 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.** (Addendum No. 3)
13. This contract shall provide all water line connections, water meter pits "complete", water meters and all water line installation.
14. 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.
15. Provide site amenities and steel pipe bollards and decorative bollards, bike racks, ~~exterior basketball hoops (including associated striping)~~, **(Addendum No. 1)** 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.
 16. Provide all flag poles, flag poles foundations, anchor bolts, excavation and grading associated with their installation.
 17. 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.
 18. Provide new chain link fence mesh at locations along Glasgow Avenue as indicated on the contract documents. This mesh to be #9 mesh with black PVC coating. Removal and disposal of old mesh shall be included as part of this contract. Include an Allowance of \$10,000 for work related to post and rail replacement as necessary. This work to be directed by the Owner and CM. **Reference Attachment B. (Addendum No. 3)**
 19. Furnish and install and maintain concrete wash out areas for other subcontractors and their suppliers for project duration. Remove this item at conclusion of project and complete as indicated on finished drawings. Provide signage to identify concrete wash out areas.
 20. Furnish, install, maintain and remove sediment control system including sediment control plan. Maintain sediment control until substantial completion established by DNREC.
 21. 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.** **(Addendum No. 1)** Remove existing site amenities (light poles, utility poles, fencing, post and cable barriers, structures etc.) as indicated to be remove by this Contract B-02 in Attachment #1 including in the bidding documents.
 22. 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.
 23. 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.

24. 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.
25. 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.
26. 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 1a and Phase 1 prior to bidding is highly recommended.
27. 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 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 (Addendum No. 1)** and the areas are accepted by the Owner.
28. 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.
29. 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 to daylight or plug for the contractor tire wash areas, and for building construction. Provide a 1 ½" water line from existing source identified adjacent to the existing dugouts for use at tire washing station. **Provide (2) 50 heavy duty hoses and one brass nozzle for CM's use. (Addendum No. 1)**
30. Protect all existing trees to remain within the limits of construction.
31. All tree removal, stump removal and grubbing removal as identified on contract documents is the responsibility of this contractor, complete.
32. 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.
33. This contractor shall provide, maintain and ~~remove~~ **Refurbish (Addendum No. 1)** a temporary construction road that follows the new roadway layout on the contract documents, circling the entire building. The road shall consist of fabric, 10" of #3 stone for the length of the road and the means to compact it. This road shall be a minimum of 24' feet wide and 2800 feet long and shall be

- fully maintained until the permanent roadways/drives and lots are installed Contractor can utilize the temporary #3 stone as the base of the permanent road. Temporary base is to be tested, compacted, and infilled with GABC to meet DelDOT standards.
34. Provide the cost in the base bid, to provide, maintain and remove upon construction manager direction, 750 linear feet of stoned roadway from 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. (trailer access) This work is in addition to the construction entrance identified on the contract documents.
35. Provide in base bid, the cost to provide, maintain and remove upon construction manager direction, a total of 8 temporary crane pad's: each a ~~30'x30'~~ 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.
36. Provide in base bid, the cost to provide, maintain and remove upon construction manager direction, a temporary stone parking area that is 100' X 50'. Area shall consist of fabric, 10" of #57 ~~stone~~ **Crushed concrete or crush and run stone** (Addendum No. 1) 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.
37. Rough grading for area defined on site drawings for building, lawn areas, bituminous roads, parking and walkways. Preparation of subgrade for building slabs, walks and pavements.
38. 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 gathered by the sitework contractor and spread on site, **this includes the overage of the building pad which shall be spread on site as well.** (Addendum No. 1)
39. **Backfilling as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with Del Dot standard specifications.** (Addendum No. 3)
40. 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. This contractor shall include

in their proposal the import of stone dust fill equal to 10% of the overall volumes of soils available on site. This imported material shall be utilized and "mixed" with the existing soils as directed by the Geo-Technical engineer. This shall include but not be limited to, discing, machine raking etc. to allow materials to be mixed and dried sufficiently for use as stabilized subbase. 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, parking areas, driveway and site grades to be achieved. It is the site work contractor's responsibility to restore all areas disturbed by harvesting operations.

As Structural fill is provided for this contract it shall be utilized on the building pad area first, "only" after the building pad has been established and accepted by the CM and concrete contractor. ~~shall imported fill be used in other areas.~~ (Addendum No. 3)

41. All structural soils that are to be stock pile on site shall be covered as the stockpile is being created and then kept covered as needed to insure the integrity of the materials (keep it dry)
42. 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.
43. Provide curb cuts, depressions and filter strips as designated.
44. Provide all pavers and synthetic turf area as directed by the contract documents. **(include all required soil stabilization at subbase)** (Addendum No. 1)
45. Provide all concrete bumper blocks at parking areas.
46. Provide all bituminous paving to include but not limited to drive lanes, parking lots, bus parking, paved islands, pathways etc.
47. 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.
48. Provide all concrete paving as indicated on the contract documents.
49. Millings may not be used as a substitute for stone base.
50. This Contractor will provide all pavements markings, fire lane signs, and traffic signs.
51. 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.
52. **Provide all DelDOT permits related to work for this project.** (Addendum No. 1)
53. Furnish, install and remove approximately 2500 linear feet of temporary construction fence required. 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.
54. Proof rolling of limit of excavation prior to fill operations, coordinate all work with the CM and the Geo-Tech engineer assigned.
55. 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.
- ~~56. Backfilling as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with Del Dot standard specifications.~~ (Addendum No. 3)
57. 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.
58. Provide perimeter protection of all excavated areas until suitably backfilled. (rope and flags) required, "Caution" tape is not acceptable protection.
59. ASPHALT CEMENT COST ADJUSTMENT
- 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.
 - 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.
 - 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.
 - 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.
 - For Recycled Hot-Mix the asphalt percentage eligible for cost adjustment shall be only the new asphalt cement added to the mix.
 - 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.
 - 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.
60. Provide street cleaning of mud, etc. on a daily basis **when actively performing work on the site.** ~~regardless of whether or not crew is active onsite for duration of project.~~ (Addendum No. 3)
61. Include all costs for temporary barricades, arrows, pedestrian protection, flagmen, etc. required to

- complete the work. (Construction entrance flagging will be provided Contract B-03 "Flagger Protection")
62. 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 pointing if necessary, will be handled as a negotiated cost by the Owner.
 63. Furnish and install (10) dewatering crocks within the building pad 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.
 64. This Contractor shall provide and maintain all temporary access roads as detailed in Contract Documents, until completion of project.
 65. Provide all plant material and all associated work including, but not limited to, staking, watering, weeding, fertilizing, etc.
 66. 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.
 67. Provide filter fabric, weed, check and mulch at all planting areas.
 68. Provide sod at all grass areas surrounding the building and adjacent driveway islands. Include maintenance, care, watering and replacement as necessary up to the owners occupancy and ~~ten~~ **then (Addendum No. 1)** an additional 6 months of this service shall be provided.
 69. Provide specified warranties, general 2 year and all extended warranties.
 70. Provide all dewatering of excavations until final acceptance.
 71. Provide temporary shoring to support and maintain adjacencies and excavations per OSHA standards.
 72. 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.
 73. Provide As-Built Drawings both in electronic format and a hard copy
 74. Provide pricing for all alternates as described in Section 012300-Alternates if identified.
Alternate for 110 parking space parking lots area, including all striping, signs etc. will be bid as an Add Alternate. (Addendum No. 1)
 75. Provide a \$150,000 allowance to be used at the discretion of the Owner/Construction Manager.

76. Maintain and remove temporary site fencing, temporary roads and walks as shown on the site plan and described below. Include in this contract the installation and removal of 4 double 20' gate assemblies throughout the project. This is in addition to the double gate at the entrance of the site.
77. 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 to daylight or plug for the contractor tire wash areas, and for building construction. (for 1 1/2 hose connection for tire wash). **Supply (2) 50' heavy duty hoses and one brass nozzle to CM.** (Addendum No. 1)
78. 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 coordinate with roofer for the correct downspout size. Provide splash block where required.
79. This contract shall provide and include all work required, including utilities, grading, sidewalks, topsoil 4" and seeding of the area identified on sheet C111as "Future Expansion" (Alt. #1)
80. Provide work associate with providing and installing the Athletic Turf Finish as shown on sheet C124 and details provided on sheet C-500.(Turf Detail)
81. 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.** (Addendum No. 1)
82. This contract shall provide all grease interceptors and oil interceptors, including piping, connections and installation to provide a complete and operational system.
83. This contract shall provide the concrete "mow" strip adjacent to the building perimeter. This shall be included at all exterior wall areas. Detail provided on sheet C-500
84. This contract shall provide all dumpster pads "complete" Detail shown on sheet C-501
85. **This contractor to provide permanent chain link fencing around the residential house identified on Drawing C103 (reference attachment B.) The fencing limits are to follow the L.O.D indicator and shall consist of a complete chain link fence system 6' high comprised of #9-gauge mesh with a black PVC coating. The contractor shall include the cost to install a "black" fabric wind screen along this fencing.** (Addendum No. 3)

CONTRACT NO. B-03 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 (Addendum No. 1)** 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 3,000-man hours of flagger coverage, to be scheduled by the Construction Manager. The work will start 1Oct2023 and the duration of the coverage could extend out to 31July25. 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 \$20,000 allowance for work as directed by the Construction Manager.

END OF SECTION