



ADDENDUM NO. 3  
DTCC George Campus East Building Expansion Bid Pack D  
Page 1

September 16, 2020

**ATTENTION: The Bid Due and Bid Opening Date for ALL Bid Pack D contracts has been extended to Tuesday October 6, 2020 at 2:00PM. Additional details and information will be included in Addendum #3. Bids are to be delivered to DTCC George Campus South East Building Lobby from 12:00Noon to 2:00PM on Tuesday, October 6, 2020. A live bid opening will be streamed via Zoom at 2PM Tuesday, October 6, 2020. Log in information for the live stream will be communicated in a future Addendum.**

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 on 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.

The contract design documents & Bid Documents (Front End, Drawings & Specs) for the above referenced project, dated June 11<sup>th</sup>, 2020 are amended as follows:

#### ATTACHMENTS

- Addendum #3 – Tetra Tech
- Updated Summary of Work 09.16.20
- DTCC SSC BPD RFI Log 09.16.20
- DTCC George Campus East Bldg. – SSC Bid Pack D Drawings Addendum No. 3
- DTCC George Campus East Bldg. – SSC Bid Pack D Specifications Addendum No. 3

End of Addendum No. 3





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### **Addendum No. 3**

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Delaware Technical Community College (DTCC)  
George Campus – East Bldg. – Student Success Center  
Bid Pack ‘D’ - Interior  
Wilmington, Delaware  
Tt Project No. 200-35157-19002

Addendum No. 03  
to  
Drawings and Project Manual

September 14, 2020

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To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

Original DRAWINGS dated July 24, 2020  
PROJECT MANUAL dated July 24, 2020

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of six (6) pages and the following:

#### **3.1 PROJECT MANUAL MODIFICATIONS**

- 3.1.1 Section 00 01 10; Table of Content
  - 3.1.1.1 **ADD** Spec Section 22 11 19 “Domestic Water Piping Specialties.”
  - 3.1.1.2 **ADD** Spec Section 11 40 00 “Food Service Equipment”
  - 3.1.1.3 **ADD** Spec Section 27 05 00 “Telecommunications Pathways and Spaces”
  - 3.1.1.4 **ADD** Spec Section 27 10 00 “Structured (Telecom) Cabling”
  - 3.1.1.5 **ADD** Spec Section 28 10 00 “Intrusion Detection System”
  - 3.1.1.6 **ADD** Spec Section 28 11 00 “Access Control System”
  - 3.1.1.7 **ADD** Spec Section 28 20 00 “Video Surveillance System”
- 3.1.2 Section 00 01 15; List of Drawings
  - 3.1.2.1 **REPLACE** existing Spec Section with the **REVISED** ones attached to this addendum.
- 3.1.3 Section 09 51 13; Acoustical Panel Ceilings
  - 3.1.3.1 **REPLACE** existing Spec Section with the **REVISED** ones attached to this addendum.
- 3.1.4 Section 11 40 00; Food Service Equipment
  - 3.1.4.1 **ADD** this Spec Section in its entirety, attached to this addendum.

- 3.1.5 Section 22 11 19; Domestic Water Piping Specialties
  - 3.1.5.1 **ADD** this Spec Section in its entirety, attached to this addendum.
- 3.1.6 Section 23 09 50; Building Automation System (BAS) General (Alternate)
  - 3.1.6.1 **REPLACE** existing Spec Section with the **REVISED** one attached to this addendum.
- 3.1.7 Section 27 05 00; Telecommunications Pathways and Spaces
  - 3.1.7.1 **ADD** this Spec Section in its entirety, attached to this addendum.
- 3.1.8 Section 27 10 00; Structured (Telecom) Cabling
  - 3.1.8.1 **ADD** this Spec Section in its entirety, attached to this addendum.
- 3.1.9 Section 28 10 00; Intrusion Detection System
  - 3.1.9.1 **ADD** this Spec Section in its entirety, attached to this addendum.
- 3.1.10 Section 28 11 00; Access Control System
  - 3.1.10.1 **ADD** this Spec Section in its entirety, attached to this addendum.
- 3.1.11 Section 28 20 00; Video Surveillance System
  - 3.1.11.1 **ADD** this Spec Section in its entirety, attached to this addendum.

### 3.2 **DRAWING MODIFICATIONS:**

- 3.2.1 Sheet G-000; COVER SHEET
  - 3.2.1.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.2 Sheet A-100; LOWER LEVEL FLOOR PLAN
  - 3.2.2.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.3 Sheet A-110; FIRST FLOOR PLAN
  - 3.2.3.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.4 Sheet A-160; LOWER LEVEL REFLECTED CEILING PLAN
  - 3.2.4.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.5 Sheet A-161; FIRST FLOOR REFLECTED CEILING PLAN
  - 3.2.5.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.6 Sheet A-162; SECOND FLOOR REFLECTED CEILING
  - 3.2.6.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.7 Sheet A-321; SECTION DETAILS – BASE FLASHINGS, ROOFING, WATERPROOFING
  - 3.2.7.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.8 Sheet A-322; SECTION DETAILS – BASE FLASHING, ROOFING, WATERPROOFING
  - 3.2.8.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.9 Sheet A-323; SECTION DETAILS – BASE FLASHING, ROOFING, WATERPROOFING
  - 3.2.9.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.10 Sheet A-324; SECTION DETAILS – BASE FLASHING, ROOFING, WATERPROOFING
  - 3.2.10.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.11 Sheet A-325; SECTION DETAILS
  - 3.2.11.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.12 Sheet MD-403; SECTION DETAILS – BASE FLASHING, ROOFING, WATERPROOFING

- 3.2.12.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.13 Sheet M-100; OVERALL LOWER LEVEL – DUCTWORK NEW WORK PLAN
  - 3.2.13.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.14 Sheet M-101; OVERALL LOWER LEVEL – PIPING NEW WORK PLAN
  - 3.2.14.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.15 Sheet M-110; OVERALL FIRST FLOOR – DUCTWORK NEW WORK PLAN
  - 3.2.15.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.16 Sheet M-111; OVERALL FIRST FLOOR – PIPING NEW WORK PLAN
  - 3.2.16.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.17 Sheet M-402; PARTIAL SECOND AND THIRD FLOOR DUCTWORK NEW WORK PLAN
  - 3.2.17.1 **DELETE** this sheet in its entirety
- 3.2.18 Sheet M-403; STAIRWELL HVAC NEW WORK
  - 3.2.18.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.19 Sheet M-404; SECOND FLOOR MECHANICAL NEW WORK
  - 3.2.19.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.20 Sheet M-405; THIRD FLOOR MECHANICAL NEW WORK
  - 3.2.20.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.21 Sheet M-406; FOURTH FLOOR MECHANICAL WORK
  - 3.2.21.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.22 Sheet M-501; MECHANICAL DETAILS
  - 3.2.22.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.23 Sheet M-601; SCHEDULES
  - 3.2.23.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.24 Sheet M-602; SCHEDULES & DETAILS
  - 3.2.24.1 **ADD** this drawing in its entirety, attached to this addendum.
- 3.2.25 Sheet M-701; MECHANICAL CONTROLS
  - 3.2.25.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.26 Sheet M-702; MECHANICAL CONTROLS
  - 3.2.26.1 **ADD** “Base Bid” to bottom right hand corner adjacent to sheet number.
- 3.2.27 Sheet M-703; MECHANICAL CONTROLS
  - 3.2.27.1 **ADD** “Alternate #2” to bottom right hand corner adjacent to sheet number.
- 3.2.28 Sheet M-704; MECHANICAL CONTROLS
  - 3.2.28.1 **ADD** “Base Bid” to bottom right hand corner adjacent to sheet number.
- 3.2.29 Sheet P-100; LOWER LEVEL FLOOR PLAN – DOMESTIC WATER NEW WORK
  - 3.2.29.1 **REVISE** Note in Kitchen from “All Kitchen Work (Alternate #3) to read “All Kitchen Work (Alternate #1). Refer to sheet P-402”
- 3.2.30 Sheet P-101; LOWER LEVEL FLOOR PLAN – SANITARY & STORM WATER NEW WORK
  - 3.2.30.1 **REVISE** Note in Kitchen from “All Kitchen Work (Alternate #3) to read “All Kitchen Work (Alternate #1). Refer to sheet P-402”

- 3.2.31 Sheet P-402; ENLARGED KITCHEN PLANS – SANITARY & DOMESTIC WATER
  - 3.2.31.1 **ADD** “Alternate #1” to the bottom right hand corner adjacent to sheet number.
- 3.2.32 Sheet E-001; ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES
  - 3.2.32.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.33 Sheet E-100; LOWER LEVEL LIGHTING PLAN - NEW WORK
  - 3.2.33.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.34 Sheet E-110; FIRST FLOOR LIGHTING PLAN - NEW WORK
  - 3.2.34.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.35 Sheet E-120; SECOND FLOOR LIGHTING PLAN - NEW WORK
  - 3.2.35.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.36 Sheet E-200; LOWER LEVEL POWER PLAN - NEW WORK
  - 3.2.36.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.37 Sheet E-210; FIRST FLOOR POWER PLAN - NEW WORK
  - 3.2.37.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.38 Sheet E-401; ENLARGED KITCHEN PLANS
  - 3.2.38.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.39 Sheet E-402; ENLARGED BOILER ROOM PLANS
  - 3.2.39.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.40 Sheet E-601; SINGLE LINE DIAGRAM – NEW WORK
  - 3.2.40.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.41 Sheet E-602; ELECTRICAL SCHEDULES
  - 3.2.41.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.42 Sheet E-603; ELECTRICAL SCHEDULES
  - 3.2.42.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.43 Sheet E-604; ELECTRICAL SCHEDULES
  - 3.2.43.1 **REPLACE** this drawing in its entirety with the **REVISED** one attached to this addendum.
- 3.2.44 Sheet FP100; LOWER LEVEL FLOOR PLAN – FIRE PROTECTION NEW WORK
  - 3.2.44.1 **REVISE** note above kitchen from “Alternate #3” to read “Alternate #1)
  - 3.2.44.2 **ADD** New Work Note #6 as follows:
    - “6. Existing Fire Protection Devices to remain”
  - 3.2.44.3 **ADD** New Work Note #6 to kitchen area.
- 3.2.45 Sheet FP130; THIRD FLOOR PLAN – FIRE PROTECTION NEW WORK
  - 3.2.45.1 **CHANGE** reference to “Fourth Grade Classroom 302” to read “Future Classroom 302”

### 3.3 **QUESTIONS/CLARIFICATIONS:**

- 3.3.1 See attached RFI Log for all questions.

### 3.4 **SUBSTITUTION REQUESTS**

- 3.4.1 Building Systems & Services; Substitution request for VRF Systems

3.4.1.1 They are requesting the following equipment to be added as approved equal: **APPROVED**

**Item:** Variable Refrigerant Flow (VRF) System

**Tag:** CU/AC-1 thru 3; CU/AC-S1 thru S4

**Spec Section:** 23 63 13 & 23 82 19

**Substitution Request:** Samsung

3.4.2 Martin & Smith, Inc.; Substitution Request for Plumbing Fixtures & Equipment

3.4.2.1 Requesting the following be approved as a Substitution: **APPROVED**

**Item #1:** Flush Valves

**Substitution:** American Standard

**Item #2:** Faucets

**Substitution:** American Standard

**Item #3:** Drainage Products.

**Substitution:** Jay R. Smith

## **ATTACHMENTS**

RFI Log: Questions & Responses

Spec Section 00 01 10; Table of Contents

Spec Section 00 01 15; List of Drawings

Spec Section 09 51 13; Acoustical Panel Ceilings

Spec Section 11 40 00; Food Service Equipment

Spec Section 22 11 19; Domestic Water Piping Specialties

Spec Section 23 09 50; Building Automation System (BAS) General (Alternate)

Spec Section 27 05 00; Telecommunication Pathways and Spaces

Spec Section 27 10 00; Structured (Telecom) Cabling

Spec Section 28 10 00; Intrusion Detection System

Spec Section 28 11 00; Access Control Systems

Spec Section 28 20 00; Video Surveillance System

Building Systems & Services Substitution Request – VRF Systems

Martin & Smith Linecard for Substitution Request – Plumbing Fixtures

G-000

A-100

A-110

A-160

A-161

A-162

A-175

A-321

A-322

A-323

A-324

A-325

A-400

A-501

A-601

A-610

MD403

M-100

M-101

M-110

M-111

M-403

M-404

M-405

M-406  
M-501  
M-601  
M-602  
M-701  
E-001  
E-100  
E-110  
E-120  
E-200  
E-210  
E-401  
E-402  
E-601  
E-602  
E-603  
E-604  
T-000  
T-100  
T-110  
T-500  
T-501  
T-502  
T-503  
TY-000  
TY-100  
TY-110  
TY-500  
TY-501

**END OF ADDENDUM No. 3**

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SECTION 01 11 00 - 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 for approval prior to the submission of their first invoice for approval [on AIA G702/CMA, Application for Payment and G703, Continuation Sheet.] [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 and in 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. Existing mechanical, electrical, plumbing, sprinkler, medical gas, fire alarm, etc. systems will be shut off and locked out by the Owner as required by the Work. Tie-in's and modifications to those systems will be performed by the specific Contractor associated with the work as indicated in the Contract Documents. Re-energizing and re-startup of all systems should be performed by the Owner.
- AA. 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.

- AB. 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.
- AC. Contractor is responsible for having a competent project superintendent/foreman on-site during all work performed under its contract.
- AD. 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.
- AE. 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.
- AF. Contractor shall provide the necessary safety barricades and railings required to complete their work and comply with all OSHA, local code and contract specifications.
- AG. **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 **Owner (DTCC) & 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 (DTCC), 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 the **Owner (DTCC) & EDiS'** prior written approval in each instance.

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CONTRACT NO. BPD-14 CARPENTRY AND GENERAL TRADES WORK

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 00	General Requirements
Division 09	Finishes
Division 10	Specialties

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide labor and materials to perform the work related to all carpentry and general work.
2. All rough carpentry related to the exterior skin of the building including wood nailers and blocking and exterior sheathing as shown on design documents.
3. 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, casework, millwork, etc. including fire treating, as required.
4. All field trimming required to adjust to existing conditions.
5. Coordinate cutting holes in casework with other trades.
6. Anchoring devices, fasteners, inserts and other related items associated with the installation of the above items.
7. This Subcontractor shall at a minimum provide and maintain for the length of the project, one temporary fire extinguisher for each 3,000 sq. ft of the protected building area. Fire extinguishers shall be 10lb, Multi-Purpose (ABC) dry chemical, UL labeled, with a rating of 3a:40bc.
8. All wood blocking at exterior pavers shown on detail 3/A-323.
9. All wood blocking at CMU and masonry walls (details H-7,8 and 9).
10. All wood backerboard and plywood in IT and Electrical Rooms as required on the documents.
11. Backer rod and sealant at door frames.
12. All wood windowsills (as shown on 18/A-613).

13. Armstrong channeled stud wall plank.
14. Wall panel system as shown on A-701.
15. Maple bench top and trim as shown on 5/A-701.
16. Receive, store and install ALL hollow metal doors, Frames & associated hardware. ALL hollow metal doors, frames & associated hardware will be supplied by bid pack BPD-21.
17. Receive, store and install ALL restroom accessories, fire extinguisher cabinets and specialties. ALL restroom Accessories, fire extinguisher cabinets and specialties will be supplied by bid pack BPD-21.
18. Provide and install ALL Aluminum exterior parapet fencing, rails and gates as indicated on the design drawings.
19. Furnish and install overhead coiling doors and required supports, coordinate with structural drawings. Power provided by Electrical contractor.
20. All stripping, sanding and caulking of post tension rods. Reference note 1/A-162.
21. Provide and install all FRP wainscot.
22. This contractor shall provide include a \$15,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

CONTRACT NO. BPD-15 INTERIOR GLASS AND GLAZING

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	General Requirements
Division 08	Openings
Division 09	Finishes

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide interior glass and glazing systems. Furniture Systems Office Fronts are NOT included in this bid pack.
2. Interior door, partition, vision panel, window glass, tempered glass, sidelights and pivot doors.
3. Caulking related to interior glazing.
4. Coordinate glass types with partition and door fire ratings. Contact Construction Manager with any discrepancies.

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CONTRACT NO. – BPD-16 COLD-FORMED METAL FRAMING & DRYWALL

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	General Requirements
Division 08	Openings
Division 09	Finishes
Division 10	Specialties
Division 22	Plumbing
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide metal studs, insulation, gypsum wallboard, taping & spackling.
2. Provide all metal stud framing required to back up EIFS, brick, etc.
3. Batt insulation, both thermal and acoustical and related work.
4. Provide and install fluid applied membrane air barrier.
5. Acoustical and fire rated sealant of penetrations in insulated drywall partitions.
6. Compressible filler at partitions.
7. Access panel installation.
8. Include filling of all interior hollow metal door frames in drywall where required.
9. Include fire taping and sealing at perimeter edge and as shown on the Drawings.
10. Provide architectural expansion joint systems, including joint covers materials at concrete slab, drywall and masonry construction (interior only).
11. Scaffolding and lifts for this work.
12. Comebacks and out-of-sequence work may be required and as such should be included.
13. Include all necessary field measurements.
14. Include two (2) 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.

15. Bidders are advised to pay particular attention to top of wall conditions, fire and smoke safing of slabs and acoustical sealants. This contract will include stenciling and labeling of ALL rated walls.
16. Provide all metal framing as indicated for back up of other materials.
17. Provide metal furring and "z reglrets" shown on 1/A-325.
18. Include molded shapes.
19. Provide all glass fiber reinforced gypsum work including materials, taping (interior only).
20. Engineered shop and installation drawings.
21. Coordination and allowing full access to other trades so they can perform their work will be included and part of this Contractor's obligation. Any unused portion of the allowance will be returned to the Owner.
22. This contractor shall provide include a \$15,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

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CONTRACT NO. BPD-17 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	General Requirements
Division 21	Fire Suppression
Division 22	Plumbing
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

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.
2. As-built drawings.
3. Delegated-Design for wet-pipe sprinkle systems.
4. Relocate fire department connections as indicated on the drawings.
5. Concrete equipment pads, curbs and thrust blocks for fire protection work.
6. Testing and inspections.
7. Cutting and patching.
8. Firesafing.
9. Flow and tamper switches to be supplied by this Contractor and wired by the Electrical Contractor/Fire Alarm Contractor. It is this Contractors responsibility to provide flow and tamper switches to meet applicable state and local codes.
10. This Contractor to coordinate the need for and compatibility of his system to the emergency generator, supplied by others.
11. Pipe identification.
12. Provide the necessary coordination with trade to avoid interferences with other work and make corrections at no extra charge.
13. This contractor shall provide include a \$10,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of

Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

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CONTRACT NO. BPD-18 HVAC AND PLUMBING

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	General Requirements
Division 22	Plumbing
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete mechanical, plumbing and piping system as indicated on the Drawings and in the Specifications.
2. Division 26 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.
3. 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 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.
4. Equipment bases and housekeeping pads.
5. Permits.
6. Pipe and duct insulation.
7. Penetrations and sleeves through wall, floors, etc. including cutting, patching and fire-safing.
8. This contractor owns new openings in existing ductwork or piping.
9. Testing and balancing.

10. Clean up.
11. All guarantees and warranties to begin at the substantial completion of the entire project. Maintain equipment prior to substantial completion.
12. Hoisting, rigging and scaffolding.
13. Ductwork, flex duct, grilles and diffusers.
14. Furnish and Install ALL New Roof drains.
15. Louvers and vents related to HVAC operations.
16. Coordinate damper size, location and type of damper with architectural drawings.
17. Temporary heat and ventilation installation, maintenance and removal. Refer to Division 1, Specification Section 015123 - TEMPORARY HEAT AND VENTILATION, for specific scope.
18. Gas piping, meter and pressure regulator valve.
19. Roof curbs as required.
20. Access panels.
21. Final connection of kitchen equipment and appliances. See alternate No. 1.
22. As-built drawings.
23. Provide kitchen hood exhaust/make-up system including exhaust fan, make-up unit with gas heater, ductwork, cleanout, access doors, insulation, accessories and interlocking controls. The Kitchen Equipment Contractor shall provide the hoods. The Mechanical Contractor shall provide assistance in the coordination of the tie-in of this system with the building HVAC system. See alternate No. 1.
24. Provide dishwasher hood exhaust system including fan, sloped welded aluminum ductwork, insulation, accessories and interlocking controls with time delay. See alternate No. 1.
25. Provide all required sawcutting and concrete patching for new U.G piping as required on Lower Level.
26. Reinstallation of boiler room stacks after completion of roof replacement.
27. This contractor shall provide include a \$15,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

28. This contractor shall provide include a \$10,000 allowance for Baseboard Heat System Removal & Capping on the 3<sup>rd</sup> & 4<sup>th</sup> Floors as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

CONTRACT NO. BPD-19 ELECTRICAL & FIRE ALARM

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 00	General Requirements
Division 22	Plumbing
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete electrical system as indicated on the drawings, schedules and in the specifications.
2. Division 15 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.
3. Temporary electric (Power & Lighting) installation, maintenance and removal as required. Refer to Division 1, Specification Section 015113 - TEMPORARY ELECTRIC, for specific scope.
4. Rough in and final connection and related work for equipment provided under other contracts (i.e. kitchen, elevators, HVAC, sprinkler, motorized doors, etc.)
5. Permits and inspections.
6. Penetrations through walls, floors, etc. including cutting, patching and fire safing.
7. Testing.
8. Clean up.
9. Provide power for overhead coiling doors.

10. All guarantees and warranties to begin at the substantial completion of the entire project. Maintain equipment prior to substantial completion.
11. Hoisting, rigging and scaffolding.
12. Provide all primary service work, including all utility company related costs/fees for this work.
13. Provide a complete fire alarm system. Water flow devices are supplied and installed by the Sprinkler Contractor and wired by this Contractor. Include tie-in to fire sprinkler flow and tamper switch.
14. Furnish and Install ALL Conduits and raceways for Special systems (Phone/IT, CCTV, Fire Alarm, sound, security, time clock, sound masking).
15. Lightning protection with master UL certification.
16. Grounding of building columns and interior spaces as required.
17. Pull strings and boxes for voice/data boxes.
18. As-built drawings.
19. Provide rough-in and final connection and related work for equipment provided under other contracts (i.e. kitchen, elevators, 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.
20. Provide rough-in and final connection of kitchen equipment and appliances. Refer to Specification Section 11400 Food Service Equipment for specifics. Coordinate power/plug requirements with rough in for equipment with the Kitchen Equipment Contractor. See alternate No. 1.
21. Provide and install ceiling mounted speakers and occupancy sensors.
22. This contractor shall provide include a \$15,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

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NO. BPD-20 BAS 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 00	General Requirements
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Automatic temperature controls for equipment whose main purpose include all items in the automatic temperature control scope. Provided, however, that the controls do not directly switch the power lines to the equipment; the wiring of such controls to remain the responsibility under Contract Scope 16000.
2. Environmental controls.
3. Ventilation controls.
4. Cooling controls.
5. Humidification controls.
6. Refrigeration controls.
7. Motorized dampers when not specified as part of the factory packaged equipment supplied to job site for distribution and installation by others.
8. Controls air compressor complete with accessories and insulation.
9. Remote reading gauges, transmitters and recorders for automatic temperature controls.
10. Building centralization controls including centralized temperature, humidity, pressure and flow indication and recorders, centralization of air conditioning, heating, ventilation, humidification and refrigeration equipment operation.
11. 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.
12. Permits as required for work under this contract scope.

13. Inspections as required under this contract scope.
14. Electrical thermostats intended for automatic temperature controls complete with subbases or adapter plates to mount on standard electrical box.
15. Remote reading gauges, transmitters and recorders for automatic temperature control.
16. Supply only of access doors when specifically required for access to automatic temperature control.
17. Control wiring and/or air piping required for all automatic temperature controls supplied under this contract scope.
18. Wiring for remote thermostats and remote prewired auxiliary control panels for packaged equipment.
19. Boiler feed water control wiring.
20. The magnetic starter coil and relay coils supplied under contract scope 16000 and intended for automatic temperature controls, including interlocking between starters and/or relays when controlled automatically.
21. Access panels directly associated with this work if not included by other division.
22. Exclude direct reading temperature and pressure gauges connected directly to non-potable water systems.
23. Exclude motorized dampers when specified as integral part of packaged equipment.
24. Exclude automatic temperature controls when specified as integral part of packaged equipment.
25. Exclude flow measuring and control devices.
26. Exclude direct reading temperature and pressure gauges connected directly to refrigeration systems.
27. Exclude filter gauges directly connected to duct systems.
28. Electrical wiring for thermostats and controls which directly switch the power line to the equipment (directly shall mean not through magnetic coil) is by Division 16000.
29. Power wiring is by Division 16000.
30. Control power supply outlets are by Division 16000.

31. Exclude fire alarm, fan shut-down, relays and wiring.
32. This contractor shall provide include a \$10,000 allowance for Field Changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

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CONTRACT NO. BPD-21 DOORS, FRAMES, HARDWARE & SPECIALTIES  
**FURNISH ONLY**

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 00	General Requirements
Division 08	Openings
Division 09	Finishes
Division 10	Specialties

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, finish hardware, wood doors and overhead doors.
2. Do not include aluminum entrance. Keying for aluminum entrances not confirmed by Construction Manager.
3. Keying. All lock sets. Provide Owner with copy of pin schedule.
4. Construction cylinders.
5. Furnish only ALL Restroom partitions & accessories, Fire Extinguisher cabinets, and architectural specialties as indicated on design drawings & specs.
6. All material to be stored by this Contractor until delivery is requested. Material to be delivered to the site and off loaded by others.
7. Deliveries to correspond to the construction schedule.
8. Provide field assistance to Electrical and Carpentry Contractors.
9. This contractor is responsible for all field measurements required to retrofit frames and/or doors in existing openings (renovation work only).
10. Provide 48 hour notice prior to delivery. All deliveries are to be between 7:00 AM and 3:30 PM.
11. Coordinate electrical requirements with any automatic door operations.
12. Provide labor and materials to perform the work related to all carpentry and general work.

13. Supply metal doors and frames, including receipt of doors and frames at the curb side.
14. Supply finish hardware related to all doors (hollow and *aluminum*), including receipt of hardware at the curb side.
15. Signage.
16. Toilet partitions.
17. Demountable partitions.
18. Fire extinguishers, cabinets and accessories.
19. Toilet and bath accessories.
20. Lavatory shields.
21. Mirrors.
22. Projector mounting plates.
23. Anchoring devices, fasteners, inserts and other related items associated with the installation of the above items.
24. Coordinate electrical requirements with any automatic door operations.
25. Furnish gate hardware.
26. Furnish digital keypad access control devices.
27. Furnish hold open closers with fire alarm interface: Power wiring by Electrical Contractor. Fire alarm ties in by Electrical Contractor.
28. Coordinate card reader requirements with electrical hardware.
29. Backer rod and sealant at door frames.

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CONTRACT NO. BPD-22 ACOUSTICAL & SPECIALTY CEILING GRID, SHAPES & TILES

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	General Requirements
Division 08	Openings
Division 09	Finishes

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide acoustical panel ceilings, polycarbonate panels, wood grilles, specialty ceilings shapes, suspension system and hangers.
2. Acoustical lay in insulation blankets above ceiling where required by Specifications or Drawings.
3. Supplemental suspension hangers at large ducts above ceilings and at openings for lighting fixtures.
4. Continuous acoustical sealant on back of vertical leg before installing moldings.
5. Furnish and install hold down clips where required by governing regulations for fire resistant ratings.
6. Furnish and Install ALL specialty ceilings in their entirety.
7. Furnish and Install ALL suspended and decorative aluminum pan ceilings.
8. Expansion joints.
9. Reflected ceiling layout.
10. This Contractor shall cut openings in ceilings for sprinkler heads, lights, mechanical diffusers and grilles, etc.
11. Attic stock.
12. Provide acoustical wall treatment.
13. Provide all required wires for lay in light fixtures.
14. This contractor shall provide include a \$7,500 allowance for field changes due to unforeseen

conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

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CONTRACT NO. BPD-23 KITCHEN EQUIPMENT

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 00	General Requirements
Division 11	Food Service Equipment
Division 21	Fire Suppression
Division 22	Plumbing
Division 23	Heating, Ventilation and Air Conditioning
Division 26	Electrical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide and Install ALL Kitchen & Servery area food service equipment as shown on design documents.
2. All final connections shall be made by the Electrical and Mechanical Contractors.
3. Any discrepancies between the Drawings, Specifications and site conditions or ambiguities in the documents shall immediately be reported to the Construction Manager in writing. Inconsistencies shall be corrected in writing or by reissuing the drawings. If the Contract Documents disagree with the quality or quantity of work required, the better quality or greater quantity shall be supplied unless otherwise instructed in writing by the Construction Manager. Any work performed by the Contractor at locations in question after his discovery of discrepancies, inconsistencies, ambiguities, or errors, without securing resolution, shall be at the Contractor's risk.
4. This Contractor shall verify all measurements at the site and assume full responsibility for their correctness before proceeding with his work. No extra compensation will be allowed because of differences between site conditions and those indicated on the drawings.
5. Manufactured articles, materials, and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer and shall be protected from damage until acceptance. Prefinished products which are damaged before or after installation shall be replaced with new and perfect materials. Materials finished after installation which are damaged shall be refinished or replaced as the Construction Manager may direct. No additional charge will be honored by the Construction Manager for repair or replacement of finished materials.
6. Should this Contractor feel that the Contract Documents call for work which he cannot guarantee, he shall so state, in writing, prior to bidding. Proceeding with any operation shall be construed as acceptance of all guarantee conditions.

7. Secure certificates of inspection and occupancy required by authorities having jurisdiction. Deliver copies of certificates to the Construction Manager prior to filing application for final payment.
8. It is this Contractor's responsibility to make certain statutes, building codes, and regulations including those of the appropriate health agencies having jurisdiction over this type of facility are met.
9. Any items furnished as part of this Scope of Work that require mechanical or electrical rough ins or services that are different from those shown on the Contract Drawings shall be so noted at the time of bid. Failure to do so shall make this Contractor liable for costs of any changes required by same.
10. Provide all caulking and sealants for proper installation and in accordance with public health regulations.
11. Startup, test and demonstrate all equipment installed under this category of work. Provide proposed schedule, including names and telephone numbers of attending representatives (3) three weeks in advance of demonstration.
12. Obtain approvals and permits and coordinate inspections and testing with governing local and state agencies.
13. This contractor shall provide include a \$5,000 allowance for field changes due to unforeseen conditions as directed by CM. This allowance will be carried as a line item on the Schedule of Values. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.

END OF SECTION



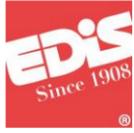
RFI #	Date Received	Category	Question	Response	Addendum No.
1	8/10/2020	Mechanical	We are requesting a clearer M-401 drawing to better depict what pipes are new, what pipes to tie into, etc.	It can darken the text. The new piping shows as dark	3
2	8/10/2020	Mechanical	Is Trane a valid controls vender for this bid?	No	3
3	8/7/2020	Scope	Scope of work item 1 mentions plaster and stucco. I am not seeing plaster or stucco on the plans, I am going off of the addendum 1 plans and specs. Please confirm that these items are not in this project.	There is no plaster or stucco work associated with this bid.	3
4	8/7/2020	Scope	Scope of work item 7 shows this contract owns the installation of HM frames within gyp partitions. Who owns the installation of the associated doors and hardware?	See BPD-14 Scope of Work, Item #14.	3
5	8/6/2020	Scope	The scope of work for the carpentry package references Division 10 Specialties. There is another bid package for furnishing only specialties. Please explain what the carpentry package owns as relates to specialties.	See BPD-14 Scope of Work, Item #15.	3
6	8/6/2020	Scope	Also, The carpentry scope of work item 7 talks about an allowance for carpenter and laborer hours but the number of hours required has been left blank. Please clarify.	This requirement was removed in revsed scopes of work issued in addendum #2.	3
7	8/11/2020	Plumbing	Please provide a specification for the following items not shown on the plumbing schedule. a. Drawing P-401 Shock Absorbers (SA) b. Drawing P-402 Floor Sinks (FS)	a. Shock Absorber spec will be added b. The floor sinks are owned by the food service.	3
8	8/11/2020	Plumbing	I noticed fixture P-6 in the plumbing schedule, but have been unable to locate this on the plumbing drawings. Please clarify if a janitors basin (P-6) is needed. If so, where?	P-6 will be deleted from plumbing schedule sheet	3
9	8/11/2020	Plumbing	Drawing P-402, detail 4, there is a pipe right above column line B.4. that is not labeled or identified. Please clarify sizing and what this system is or connects to?	Pipe was taken off the detail.	3
10	8/11/2020	Plumbing	Drawing P-101, column line E/5 shows a new work point with an 1-1/2" sanitary riser to the first floor (P-111). However, drawing P-111 does not show this riser. Please clarify what is going on here.	That was a riser that was changed and never deleted off drawing. It is now deleted.	3



RFI #	Date Received	Category	Question	Response	Addendum No.
11	8/11/2020	Scope	Who owns saw cutting and patching concrete in the lower level? It's not mention on EDIS scope of work. Drawing P-101 note #6.	All sawcutting and patching required for any underslab work will be the responsibility of the contractor that owns the proposed work under the slab.	3
12	8/12/2020	Mechanical	Spec section 230130.52 states to clean existing HVAC distribution systems. Spec section 233113 states to clean new duct systems. Please clarify if duct cleaning is needed. If so, what systems need to be cleaned?	Any existing duct to remain on the LL and 1st floor	3
13	8/12/2020	Mechanical	Does exposed spiral ductwork require internal duct liner? I noticed the spec called for external duct wrap on exposed ductwork. Is this the intent? Please clarify exposed ductwork spec.	No liner, external	3
14	8/12/2020	Mechanical	Please provide insulation spec for grease exhaust ductwork to KHEF-1.	mineral fiber	3
15	8/13/2020	Mechanical	Provide a insulation specification for chilled water.	Use same for hot water, just 2" thick	3
16	8/13/2020	Plumbing	Cellular Glass is specified to be used on condensate drain and hot water heating piping, this is a very abrasive material. Can Mineral-Fiber (Fiberglass) or Cellular Elastomeric Foam (Armaflex) be substituted?	Yes, mineral fiber or Cellular Elastomeric Foam is a allowable substitution.	3
17	8/13/2020	Mechanical	Does exposed ducts and pipes require field applied jacket? If so, please provide specification.	In existing insulation spec	3
18	8/13/2020	Mechanical	Does lined or double wall ducts require external insulation?	Lined ductwork does not require external insulation	3
19	8/13/2020	Mechanical	The make-up air unit and exhaust fans are not included on the mechanical schedule. Please provide.	Will provide in Addendum #3.	3
20	8/13/2020	Mechanical	Please provide refrigeration piping drawings, specifically in the stair towers.	Field run piping by contractor	3
21		Electrical	Electrical Drawing E-100 shows a "Z" fixture to be provided with power via New Panel "LPA." This fixture is not on the Fixture Schedule. Please advise if this fixture is new or existing to remain. If new, please provide catalog number for pricing.	Light Fixture Z was supposed to be used for the light wall which has been removed. LPA Circuit 5 was the designated circuit for the light wall shown on the schedule. Z will be used for a new type of fixture in addendum 3.	3



RFI #	Date Received	Category	Question	Response	Addendum No.
22		Electrical	Please confirm the locations of the New Panels. Discrepancies exist between the location called-out on the Panel Schedules versus what is shown on the Electrical Drawing Floor Plans. See the below examples: - New Panel "LPA" schedule shows location on 1st floor. Electrical Floor Plans show New Panel "LPA" on the Lower Level Boiler Room. -New Panel "EP-B" schedule shows location on Lower Level. Electrical Floor Plans show New Panel "EP-B" on the 1st Floor Electric Closet 131. -New Panels "LPB" & "LPB-B" schedule shows on 1st Floor. Electrical Floor Plans show New Panels "LPB" & "LPB-B" on the Lower Level Electric Closet 034A.	Locations on Schedules will be coordinated and updated.	3
23		Electrical	I do not see any dimming called-out on the Lighting Plans. Please confirm there is no dimming required on this project.	No dimming provided on this project.	3
24		Electrical	Please provide further information on what is being asked at the FCU Motor Switches shown at each stair tower. Looking for circuiting and locations.	Stair Towers will be ventilated with AC Units as shown on the mechanical. See updated electrical plans with power to this unit.	3
25		Electrical	Please provide catalog number for poke-thrus/floor boxes along with circuiting at their locations. Specs are fairly vague.	Basis of Design RPSFB-OG With RP4CTC Cover Legrand Wiremold Ratchet-Pro Series Floor Boxes.	3
26		Electrical	In regards to the above, is trenching required on the Lower Level or are EC's able to core and run cabling/raceways on the floor beneath?	Trenching/Cutting is required on lower level for floor boxes.	3
27		Electrical	Please provide ALL circuiting on Power Drawings. There are several locations where circuiting is not provided. In addition to lack of circuiting, panel schedules do not align with floor plan.	Circuits will be added for all electrical devices.	3
28		Electrical	There is a panelboard shown on E-100 and E-200 in the boiler room labeled as "EM-PA." Is this panel the same as Panel "EPA"? If not, please provide the location of Panel "EPA."	We will update the panel name on the site plan to match EP-A	3
29		Electrical	Who owns the rough-in of Telecom Device? If EC owns this rough-in, telecom device locations and quantities will need to be provided. None shown on Electrical Drawings.	EC will own all telecom/IT and special systems raceways in their bid.	3
30		Fire Alarm	Is the Fire Alarm contract exclusive to Johnson Controls or can any vendor (Security Instruments, Siemens, etc.) bid this project and perform the work if awarded?	Johnson Controls is the existing Fire Alarm Provider for the building. All new appliances will have to be able to be tested and coordinated with the existing fire alarm system.	3



RFI #	Date Received	Category	Question	Response	Addendum No.
31		Fire Alarm	Is all Fire Alarm Wiring to be installed in conduit raceway when concealed or can wiring be run in free-air where concealed above ceiling/behind walls?	All fire alarm wiring shall be run in conduit.	3
32		Mechanical	Please provide detailed EC Scope of Work as it pertains to BAS. Specs make vague mention of EC providing the Magnetic Starter Coils and Relay Coils, power to all thermostats and control outlets.	Coordinate with BAS contractor	3
33		Mechanical	Is the Base Bid for the new HVAC equipment to be an extension of the existing building automation system (BAS) and the alternate for the existing BAS to be replaced as a whole? Is the alternate just the replacement of the BAS supervisory controller? Please provide a clear of scope of work for what is to be captured under the base bid vs. the alternate. In addition, there is no Alternates listed on the bid form.	The base bid is to control all the existing and the new vav boxes. The alternate is to upgrade the control system for the facility, to include maintaining the existing pneumatics	3
34		Mechanical	Is the existing building automation system (BAS) supervisory controller in the basement currently controlling the central plant to remain as part of the project?	To be determined by the base bid BAS contractor	3
35		Mechanical	Are the new exhaust fans TEF-1 & 2 to be monitored / controlled by the BAS? If yes, please provide detail/sequence of operations.	Controlled by BAS, same sequence as existing toilet exhaust fans	3
36		Mechanical	Are the new split system air conditioning units AC-1 to AC-S4-3 to be monitored / controlled by the BAS? If yes, please provide detail/sequence of operations.	Monitoring only	3
37		Mechanical	All work associated with the Kitchen Area is called out on the drawings as Alternate #3; however, there is no Alternate #3 on the bid form. If the Kitchen Area is to be treated as an Alternate would this include VAV-4-L-4 and VAV-4-L-5 to be consider part of the Alternate?	These 2 VAVs are in the base bid for the kitchen	3



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38		Mechanical	Following the question above, a new Kitchen Make-Up Air MAU-1 and Kitchen Exhaust KHEF-1 equipment is shown on drawing M-110, is MAU-1 and KHEF-1 to be monitored / controlled by the BAS? Is there a kitchen hood controls system that is being installed that is to be also monitored /controlled by the BAS? If yes, please provide detail/sequence of operations.	Monitoring only	3
39		Mechanical	Please confirm if the controllers and devices/sensors for the Hot Water System are to remain or be replaced. According to drawing M-401 a new hot water system differential pressure transmitter is to be installed for the bypass – is this the only new device to be installed? Drawing M-501 Detail 1 shows the hot water system with the following: differential pressure switches across each boiler, hot water system supply and return temperature sensors, a hot water system supply flow meter, and a hot system bypass control valve – are these devices/sensors existing or new? The Detail 1 on Drawing M-501 does not match the control detail on Drawing M-701 – Drawing M-701 Detail 1 shows the hot water system with the following: boiler control, boiler supply temperatures, primary hot water system supply and return temperatures, secondary hot water system supply and return temperatures, hot water system differential pressure, and hot water system pump control – are these devices/sensors existing or new? In addition, the hot water pumps only show start/stop and status. It is our understanding that these pumps have VFDs – are the speed / fault signals to be controlled / monitored also?	Boiler system controls and new pressure transmitters are required. The alternate for new boiler pumps will require VFDs	3



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40		Mechanical	The control detail for the new VAV Boxes on Drawing M-702 shows zone CO2 sensors and the points list calls for CO2 to be monitored in high density occupancy zones only – is every VAV to have a dedicated zone CO2 sensor or only specific areas? Please provide locations and quantities for zone CO2 sensors.	Only high density occupancy zones	3
41		Mechanical	Please confirm if the controllers and devices/sensors for the Chilled Water System are to remain or be replaced – Drawing M-703.	Remain as base bid	3
42		Mechanical	Drawings M-705, 706, and 707 state they are for controls work only. These are the locations of the existing reheat coils. What is the controls scope of work associated with the existing reheat coils of floors 2 through 4? If the existing reheat coils are to remain and new controls are to be provided for these please provide detail/sequence of operations, total quantity of existing reheat coils, and what devices/sensors are to remain. Are the control valves being replaced or are the pneumatic valves remaining?	As stated, the Base bid includes maintaining all the existing to remain pneumatics	3
43		Mechanical	If the existing building automation system (BAS) supervisory controller in the basement is to be replaced are the existing Air Handlers (qty 4), Energy Recovery Units (qty 4), and Unit Heaters UH-1 (qty 8) to be monitored / controlled by the BAS?	The existing BAS controls this equipment	3
44		Mechanical	Is the existing Elevator Pressurization Fan to be monitored / controlled by the BAS? If yes, please provide detail/sequence of operations.	Monitored only	3
45		Mechanical	What trade is responsible for providing power wiring to the Variable Air Volume (VAV) Boxes?	BAS and EC to determine	3
46		Mechanical	What trade is responsible for providing the new Variable Frequency Drives (VFDs)?	BAS contractor to provide	3
47		Mechanical	Please confirm only the Condenser Water pump VFDs are being replaced-qty.2	condenser water pumps and VFDs are part of an Alternate	3
48		Mechanical	Please provide the warranty requirements for the BAS-1 or 2 years	2 years	3



RFI #	Date Received	Category	Question	Response	Addendum No.
49			Bid Form Dated June 29, 2020 does not have a Line Item for Alternate pricing. Please confirm the Bid will be split into two sections Base Bid (VAV replacement only) and Alternate (Central Plant and VAV controls replacement) as described in specification document 23 09-50.	Revised bid forms will be issued with Addendum #3.	3
50			Drawing Page M-704 Dated 07/24/2020 "Note: all new DDC controls shall be compatible with existing Johnsons controls DDC system." How does this comment apply if Automated Logic is chosen as the BAS for this project?	Base bid is to maintain the existing system and the new systems added.	3
51			3. Drawing Page M-100 Dated 07/24/2020 shows VAVs 4-L-4 and 4-L-5 inside Kitchen Area as alternate. Please confirm ATC Contractor provide separate pricing as an alternate for VAVs listed in this area.	It is part of Base Bid	3
52			Drawing Pages M-705 through M-707 locate existing Hot Water Coils on floors 2,3, and 4. Please confirm the existing Hot Water Coils shown are currently pneumatically controlled.	They are existing pneumatic systems	3
53			Drawing Pages M-705 through M-707 locate existing Hot Water Coils on floors 2,3, and 4. Please confirm there is no new DDC control work to be completed on floors 2,3, and 4.	The BAS contractor will maintain the existing BAS system	3
54			Drawing Page M-702 schematic diagram for Variable Air Volume Units describe CO2 sensing in the space. ALC offers a combined CO2 equipped thermostat PN ZS2P-C-ALC. Please confirm the combined space temperature/CO2 sensor as an acceptable device for monitoring Zone conditions.	Some spaces, not all require CO2 sensing. Provide a cut sheet with the submittal	3
55			Drawing Page M-702 schematic diagram for Variable Air Volume Units describe CO2 sensing in the space. ALC offers a combined CO2 equipped thermostat PN ZS2P-C-ALC. Please confirm the combined space temperature/CO2 sensor as an acceptable device for monitoring Zone conditions.	Some spaces, not all require CO2 sensing. Provide a cut sheet with the submittal	3



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56			Drawing Page M-110 shows Kitchen hood Exhaust Fan and Makeup Air Unit. Please confirm there is no scope of work for ATC contractor associated with these items.	Monitor equipment only	3
57			Specification Document page 23-09-50-1 Section 1.03, describes BAS to control AHU, Chillers, Cooling Tower, Pumps, Boilers, etc.	The base bid BAS contractor will control the facility and the new work as well	3
58			Please confirm Boiler Manufacturer/Factory Control Panel is BACnet MS/TP capable.	Unknown	3
59			Please confirm Chiller Manufacturer/Factory Control Panel is BACnet MS/TP capable.	Unknown	3
60			Please confirm, as described in alternate, there will be a new Building Automation System for Central Plant and Terminal Units, and it will be tied into DTCC's existing IP network infrastructure. a. Please confirm Automated Logic as an acceptable DDC control system for the Air Handler listed on page M-704, as indicated on page 23 09 50 -1 section 1.03 item C of specification document.	ALC is listed as an acceptable Mfgr	3
61			230950 (BASE BID) Specification: Item 1.03 C. – Can you clarify BAS contractors responsibility under this bid for “maintaining existing, to remain pneumatic systems”.	The BAS contractor will maintain the existing BAS system	3
62			230950 (ALTERNATE) Specification: a. General – Is this spec section intended cover only the work associated with the central plant? Or does it also include all VAV box or other work outside the central plant? b. Item 1.03 B. – Can you clarify that all bidders must replace the existing BAS hardware in the central plant with new. c. Item 1.03 C. – Can you confirm the specific HVAC equipment/systems are to be controlled under the alternate. VAV boxes and existing pneumatic to remain VAV are listed under this alternate, but are also listed in the BASE BID scope. Also is CV AHU in BASE BID or ALTERNATE scope?	The alternate for a new BAS system would control the entire facility, including the existing pneumatic system.	3



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63			230955 (BASE BID and ALTERNATE) a. Item 1.4 A. – Can you clarify quantity of required user licenses? Unlimited?	Unknown	3
64			230950 thru 230955 - General questions: a. Can you confirm that all new BAS work associated with both the base bid and alternate are to be exclusively BACnet-based controllers. b. Can you clarify that all requirements related to BACnet OWS (hardware, software, graphics, alarms, schedules, trending, web-based, etc.) are to be included by all bidders for both the base bid and alternate bid. c. Can you clarify whether BAS contractor or DTCC will provide the following items related to the BACnet OWS, and quantities of each required: i. Server hardware ii. Server operating system iii. Server database engine iv. Workstation(s) v. Laptops(s)	The successful BAS contractor will maintain the entire facility	3
65			230968 VFD's (BASE BID and ALTERNATE): a. Are VFD's part of the CV AH package, provided by mechanical contractor? Or are these VFD's to be provided by controls contractor? b. Are VFD's required for the hot water system pumps?	VFDs provided by BAS contractor. Under the alternate, new boiler pumps and VFDs will be installed	3
66			Drawing M-701: a. Do BP-1 and BP-2 shown in the pump schedule on drawing M-601 pertain to hot water pumps P-1 and P-2 shown on drawing M-701?	Main boiler pumps are P-1 and P-2.	3
67			Drawing M-601 - Regarding the split system air conditioning units shown: a. Is this equipment controlled by the BAS? b. Is it to be integrated to the BAS? If yes, will the SS equipment manufacturer provide a single BACnet gateway to facilitate integration?	Bacnet gateway provided by mfgr. Monitoring only	3



RFI #	Date Received	Category	Question	Response	Addendum No.
68			Drawing M-703 a. Are VFD's shown for the chilled water and condenser water pumps existing, or is BAS contractor to provide new? b. Is a differential pressure sensor required for the chilled water loop? If yes, where should it be located? c. Are the chiller isolation valves and cooling tower 3-way valves existing or new?	New VFDs	3
69			20. Drawing M-704: a. Can you confirm the location(s) and quantity of CV-AHU. b. If these are the existing penthouse AHU, is the BAS contractor to replace the existing controllers on all of these units?	These are already controlled by the existing system.	3
70			Clarify which Bid Pack Number owns installation of Specialties called out for BPD-21 Summary of Work. Reference Section 01113 Advertisement for Bid, BPD-21 Summary of Work description "Furnish Only", Addendum #2 BPD-21 SOW Paragraph A.12 and A.23, and sentence located directly under the Technical Specification Sections to provide labor and materials. Carpentry and General Work is separate bid package BPD-14.	Bid Pack BPD-14 will receive and install the Specialties called out for BPD-21 Summary of Work. Reference Section 01113 Advertisement for Bid, BPD-21 Summary of Work description "Furnish Only".	3
71			Are Lavatories 002, 003, 004, 005, 102, 103, 104, and 105 the only toilet rooms requiring new toilet partitions and accessories, with no new work required on Second, Third, and Fourth floor toilet rooms?	The only lavatories included in this bid are located on the Lower Level and 1st floors.	3
72			BPD-21 Item #15 Signage. Provide full specifications, detail drawings, schedule and/or all signage locations.	Signage, other than ADA required restroom signs, is not included in this bid.	3
73			Are temporary fire extinguishers required for Lower Level and First Floor, only, or required for all floors Lower through Fourth?	Fire Extinguishers are required on the lower level, 1st floor and any new area of construction.	3



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74			Sheet A-401, Toilet Accessory Schedule Type Mark T-7 product description is not complete. Additionally, is Accessory T-7 to have Accessory T-5 product description? Elevation 9/A-401 indicates combination toilet paper/seat cover dispensers and sanitary products disposal, and a separate sanitary products disposal unit is shown at this elevation. Elevation 10/A-401 indicates a combination double toilet paper dispenser, seat cover dispenser.	See addendum #3.	3
75			Provide specifications for T-5 and T-7. Combination toilet tissue units specifications are missing from Section 102800.	See addendum #3.	3
76			Clarify mock-up requirements as described on Sheet A-401 Toilet Room General Note #7.	No mockup required.	3
77			Provide Keynote Legend for Sheets A-120, A-130, and A-140.	See addendum #3.	3
78			Floor plans A100, A110, A120, A130, and A140 are annotated with interior elevation marks referencing Sheets A-400, A-404, A-406, A-431, and A-432 which are missing from the issued drawing set.	See addendum #3.	3