

SECTION 001113 - ADVERTISEMENT FOR PREQUALIFIED TIER-1 BIDDERS

1.1 PROJECT INFORMATION

- A. Notice to Bidders: Prequalified Tier-1 bidders may submit bids for project as described in this Document. Prequalified Tier-1 bidders to submit bids according to the Instructions to Bidders.**
1. Regulatory Requirements: IC 5-32 shall govern submittal, opening, and award of bids.
- B. Project Identification:**
1. Project Locations:
 - a. L Francis Smith Elementary:
 - Address - 4505 Waycross Dr, Columbus, IN 47203
 - b. Columbus East High School:
 - Address - 230 S Marr Rd, Columbus, IN 47201
- C. Owner:**
1. Bartholomew Consolidated School Corporation
 - a. Address: 1200 Central Avenue, Columbus, IN 47201
- D. Architect:**
1. CSO Architects
 - a. Address: 8831 Keystone Crossing, Indianapolis, IN 46240
 - b. All Schools: Jim Funk/Brad Krohn/Emily Newton
- E. Construction Manager (CMc):**
1. Maxwell Construction Company
 - a. Address: 440 Nowlin Avenue, Greendale, IN 47025
 - b. Chris Grabosky
cgrabosky@maxwellbuilds.com
Office: 812-537-2200
Cell: 614-312-8810
 - c. **Seth Leader**
sleader@maxwellbuilds.com
Office: 812-537-2200
Cell: 419-957-6259
- F. Project Description: Bid Package #1 L Francis Smith & Columbus East High School Renovations and Additions will consist of thirteen (13) Bid Categories. The categories make up the overall**

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project scope at both locations. Work will be phased, and safety is paramount as work will be completed while occupants are in buildings.

G. Construction Contract: Bids will be received for the following Bid Categories:

1. BC-1: General Trades
2. BC-2: Sitework
3. BC-3: Concrete
4. BC-4: Steel
5. BC-5: Casework
6. BC-6: Framing / Drywall / Acoustical Ceilings and Treatment
7. BC-7: Flooring & Tile
8. BC-8: Aluminum Windows / Storefronts / Curtain Wall
9. BC-9: Fire Protection
10. BC-10: Plumbing & HVAC
11. BC-11: Electrical / Technology / Fire Alarm
12. BC-12: Painting & Coatings
13. BC-13: Roofing

1.2 BID SUBMITTAL AND OPENING

A. Owner and CM will accept sealed lump sum bids until the bid time and date at the location given below. Owner and CM will consider bids prepared in compliance with the Instructions to Bidders issued by Owner and CM, and delivered as follows:

1. Bid Date: Tuesday, February 18th, 2025
2. Bid Time: 1:00 PM local time.
3. Location: Bartholomew Consolidated School Corporation Office (Bid Opening) – Boardroom or Zoom Link Below
<https://us02web.zoom.us/j/84023934753?pwd=ZUZlEk5S2Frcy9JTGxBN25NTy8rQT09>
Meeting ID: 840 2393 4753
Passcode: 619343
One tap mobile
+13126266799,,84023934753# US (Chicago)
+16469313860,,84023934753# US
Dial by your location
+1 312 626 6799 US (Chicago)
+1 646 931 3860 US
+1 929 205 6099 US (New York)
+1 301 715 8592 US (Washington DC)
+1 309 205 3325 US
+1 669 444 9171 US
+1 669 900 6833 US (San Jose)
+1 719 359 4580 US
+1 253 215 8782 US (Tacoma)

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+1 346 248 7799 US (Houston)

+1 386 347 5053 US

+1 564 217 2000 US

Meeting ID: 840 2393 4753

Find your local number: <https://us02web.zoom.us/j/kcYFhBLzny>

4. Physical bids to be dropped off at the Bartholomew Consolidated School Corporation Office: 1200 Central Avenue, Columbus, IN 47201
5. Bids shall be placed in a sealed envelope and clearly indicate:
 - a. Contractor's Legal Name and Address
 - b. BID for the Bartholomew Consolidated School Corporation Project.
 - c. Bid Category Number and/or Combination Bid (With included Bid Category numbers.)
6. Mailed bids should be sent to the Bartholomew Consolidated School Corporation at the address listed above. If sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.

- B. Bids will be thereafter publicly opened and read aloud.
- C. The Owner and CM expressly reserves the right to reject any bids, to judge the character and sufficiency of the work offered but the bidder, and to judge the ability of any bidder to perform the work in a proper manner.
- D. The Owner and CM reserves the right to waive any minor irregularities in the bid submissions when considering an award.
- E. The Owner and CM reserve the right to reject any or all bids.

1.3 BID SECURITY/PERFORMANCE AND PAYMENT BOND

- A. All bidders shall submit with each bid a bid bond, cashier's check, or bank draft in the amount of Ten (10%) percent of the bid amount, plus all add alternates. No bids may be withdrawn for a period of Ninety (90) days after opening of bids. Owner and CM reserve the right to reject any and all bids and to waive informalities and irregularities.
- B. The successful bidder will be required to furnish a Performance and Payment Bond in the amount of one hundred percent (100%) of the contract amount and must be in full force and effect throughout the term of the construction contract, plus a period of twelve (12) months from the date of Substantial Completion. Performance and Payment Bond must be obtained from a company with a minimum rating of A-VII by AM Best Ratings and licensed/authorized to perform business in the State of Indiana.

1.4 SITE WALKTHROUGHS

- A. To schedule a site walkthrough please reach out to the Construction Manager, Seth Leader at sleader@maxwellbuilds.com.

1.5 Disclaimer: Statements made at the Prebid Meeting are non-binding. Special attention is called to the Instructions to Bidders, Subparagraph 3.2.3. Binding modifications to the Bidding Documents will be made by Addendum only.

1.6 DOCUMENTS

A. Planroom and Registration of Bidders:

1. Documents can be obtained by contacting:
 - a. Eastern Engineering of Fishers, IN
(317) 598-0661
easternengineering.com
2. Documents can be purchased by all interested bidders; only complete sets of documents and CD's will be issued.
3. **Prequalified bidders MUST register as a plan holder at EasternEngineering.com.**

B. Documents will be available for viewing at:

1. Maxwell Construction's Office
440 Nowlin Avenue
Greendale, IN 47025
812-537-2200

1.7 TIME OF COMPLETION

- A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work within the Contract Time. Work will continue through 2027.

1.8 NOTIFICATION

- A. This Advertisement for Bids document is issued by Maxwell Construction.

END OF SECTION 001113

SECTION 011200 - MULTIPLE CONTRACT SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes a summary of each contract, including responsibilities for coordination and temporary facilities and controls.
- B. Specific requirements for Work of each contract are also indicated in individual Specification Sections and on Drawings.
- C. Related Requirements:
 - 1. Section 011000 "Summary of Work" for the Work covered by the Contract Documents, restrictions on use of Project site, phased construction, coordination with occupants, and work restrictions.
 - 2. Section 013100 "Project Management and Coordination" for general coordination requirements.
 - 3. Section 004323 "Alternates Form" for Alternates.

1.3 DEFINITIONS

- A. Permanent Enclosure, Building Enclosure, Building Dried-In: As determined by Architect, the condition at which roofing is installed and providing protection is insulated and weathertight; exterior walls are insulated and weathertight; and all openings are closed with permanent construction or substantial temporary closures equivalent in weather protection to permanent construction.
- B. Bid Package Contractor (BC or B.C): Prime bidding contractor to submit bid according to these specifications.
- C. Construction Manager (CM. or CMcf): Maxwell Construction is the Construction Manager as Constructor for this project.

1.4 COORDINATION ACTIVITIES

- A. Coordination activities between Bid Package Contractors, include, but are not limited to, the following:
1. Each Bid Package Contractor is responsible for general items, not specifically assigned to a Bid Package, identified in Section 011000 Summary of Work AND this Section 011200 Multiple Contract Summary.
 2. Each Bid Package Contractor is required to have a Project Manager and Site Superintendent that has a cell phone that can send/take pictures. Each Project Manager and Site Superintendent must have access to email and a laptop or iPad. Site Superintendents and Project Managers must have a smart phone they can download and utilize the Project Management software (Procore) as outlined in these specs. Each Project Manager and Superintendent is required to obtain the cell phone numbers and email addresses of ALL other Bid Package Contractors for means of coordination throughout the entire project. Each Project Manager and Superintendent is required to utilize the project management system Procore for coordination.
 3. All submittals to be formatted as specified and transferred to the CM via Procore.
 4. Pre-Shop Drawing Building System Conflict Review Session: After contracts are signed, all Bid Package Contractors are required to attend review meetings to identify all field, drawing and specification conflicts before construction commences.
 5. Provide overall coordination of the Work.
 6. Coordinate shared access to workspaces.
 7. Coordinate product selections for compatibility.
 8. Provide overall coordination of temporary facilities and controls.
 9. Coordinate, schedule, and approve interruptions of utilities (permanent and/or temporary), including those necessary to make connections for temporary services.
 10. Coordinate construction and operations of the Work with work performed by each Contract and separate contracts.
 11. Prepare coordination drawings in collaboration with each contractor to coordinate work by more than one contract.
 12. Coordinate sequencing and scheduling of Work.
 13. Initial Coordination Meeting: At earliest possible date, arrange and conduct a meeting with contractors for sequencing and coordinating the Work; negotiate reasonable adjustments to schedules.
 14. Prepare a combined contractors' construction/phasing schedule for entire Project. Base schedule on preliminary construction/phasing schedule. Secure time commitments for performing critical construction activities from contractors. Show activities of each contract on a separate sheet.
 - a. Submit schedules to CMc (Construction Manager) for Architect and CMc approval immediately after contracts are signed.
 - b. Distribute copies of approved schedules to contractors.
 - c. Identify long lead-time items.
 15. Provide quality-assurance and quality-control services specified in Section 014000 "Quality Requirements."
 16. Coordinate sequence of activities to accommodate tests and inspections, and coordinate schedule of tests and inspections. Owner or CMc will provide a third-party testing and

- inspections agency but it is up to the Bid Package Contractors to coordinate tests and inspections through CMc.
17. Provide information and costs necessary to adjust, move, or relocate existing utility structures affected by construction.
 18. Locate existing permanent benchmarks, control points, and similar reference points, and establish permanent benchmarks on Project site.
 19. Provide progress cleaning of common areas and coordinate progress cleaning of areas or pieces of equipment where more than one contractor has worked.
 20. Coordinate cutting and patching.
 21. Coordinate protection of the Work.
 22. Coordinate fire stopping.
 23. Coordinate wall penetrations and ceiling penetrations.
 24. Coordinate completion of interrelated punch list items.
 25. Coordinate preparation of Project record documents if information from more than one contractor is to be integrated with information from other contractors to form one combined record.
 26. Print and submit record documents if installations by more than one contractor are indicated on the same contract drawing or shop drawing.
 27. Collect record Specification Sections from contractors, collate Sections into numeric order, and submit complete set.
 28. Coordinate preparation of operation and maintenance manuals if information from more than one contractor is to be integrated with information from other contractors to form one combined record.
 29. Provide photographic documentation.
- B. Each Bid Package Contractor shall keep informed as to work of all trades engaged in the project and shall execute work in such a manner as not to delay or interfere with the progress of other trades involved. Schedule work so that no other party is delayed in the execution of work. It is each Bid Package Contractor's responsibility to coordinate and interface with other trades. Provide to all other trade's information, materials, shop drawings, diagrams, templates, and embedment necessary for the coordination of the work.
- C. Each Bid Package Contractor shall employ a full-time competent supervisor that will be on site whenever work is being performed to ensure cooperation and coordination with all other Bid Package Contractors. This supervisor shall be authorized to make all decisions relative to the work on site and shall be the primary contact for all correspondence. This supervisor must start attending progress meetings a minimum of 4 weeks prior to the Bid Package Contractor starting work. This supervisor shall not be changed throughout the extent of the project without written approval from the Construction Manager as Constructor ("CMc" or "Construction Manager") or Owner.
- D. If Work is not properly coordinated, the CM will require the Bid Package Contractor to remove and relocate work without additional compensation.

1.5 GENERAL REQUIREMENTS OF BID PACKAGE CONTRACTORS

- A. This project will be tax exempt. A copy of the Owners sales tax exempt information will be distributed to the successful Bid Package Contractors as part of the contract.
- B. The following is a description of Bid Packages. All work relative to the project is identified on the plans and specifications. This section describes the work in each Bid Package as designated by the Construction Manager (“CM” or “Construction Manager”). Each Bid Package Contractor shall cooperate and coordinate with all other Bid Package Contractors for proper and expedient completion of the work of this project. Each Bid Package description identifies the major portions of scope of work to be performed by the bidder in specific Bid Packages.
- C. The Scope of Work should in no way be construed as being all inclusive. It is a guide to aid in the assignment of work. Refer to the drawings and specifications for a detailed accounting of any work not explicitly specified or noted. Each Bid Package lists specification sections included, in whole or in part, in that Bid Package. All work activities not explicitly specified or noted but required to complete the work included in a Bid Package are a part of the work scope. If conflicts regarding assignment of work exist between the drawing notes and these descriptions, the Description of Work located in this document after the Bid Package numbers will take precedence. Should portions of the Drawings and Specifications appear to be in disagreement with each other relative to the quality or quantity of Work required, the more expensive/better quality or greater quantity shall govern, and shall be provided, unless instructions are otherwise furnished in writing to the Bid Package Contractor by the CM.
- D. The terms Prime Contractor, Trade Contractor, Bid Package Contractors, or Contractor shall be considered the same as Bid Package Contractor and is the entity that enters a contract with the CM as a successful Bid Package bidder. Each Bid Package Contractor is considered a General Contractor.
- E. Extent of Contract: Unless the Agreement contains a more specific description of the Work of each Contract, requirements indicated on Drawings and in Specification Sections determine which contract includes a specific element of Project.
 - 1. Unless otherwise indicated, the work described in this Section for each contract shall be complete systems and assemblies, including products, components, accessories, and installation required by the Contract Documents.
 - 2. Trenches and other excavation for the work of each contract shall be the work of each contract for its own work.
 - 3. Blocking, backing panels, sleeves, and metal fabrication supports for the work of each contract shall be the work of each contract for its own work.
 - 4. Access panels NOT shown on drawings, but required for maintenance, are the responsibility of the Bid Package Contractor’s equipment that needs to be maintained to supply, coordinate, and install the access panel.
 - 5. Equipment Pads not indicated on the drawings will be the responsibility of the Bid Package Contractor who needs the equipment pad to supply and install.
 - 6. Roof-mounted equipment and curbs for the work of each contract shall be furnished, coordinated, and installed by the trade needing the equipment or curb.

7. Cutting and Patching: Each contract shall perform its own cutting and patching as required for that trade's demolition or new construction.
 8. Through-wall-penetration-fire-stopping for the work of each Bid Package Contractor shall be provided by each contract for its own work.
- F. Temporary Facilities and Controls: In addition to specific responsibilities for temporary facilities and controls indicated in this Section and in Section 015000 "Temporary Facilities and Controls," each Bid Package is responsible for the following:
1. Installation, operation, maintenance, and removal of each temporary facility necessary for its own normal construction activity, and costs and use charges associated with each facility, except as otherwise provided for in this Section.
 2. Plug-in electric power cords and extension cords, supplementary plug-in task lighting, and special lighting necessary exclusively for its own activities.
 3. Optional field office, complete with necessary furniture, utilities, and telephone service. (General Trades, HVAC, and Electric to be only trades with job trailers on site.)
 4. Storage and fabrication sheds.
 5. Temporary enclosures for its own construction activities.
 6. Staging and scaffolding for its own construction activities.
 7. General hoisting facilities, dewatering, bracing, and shoring for its own construction activities.
 8. Waste disposal facilities, including collection and legal disposal of its own hazardous, dangerous, unsanitary, or other harmful waste materials.
 9. Dumpsters will be provided for general construction debris by the CM. Any hazardous material or material that require special disposal is the responsibility of the Contractor who is responsible for disposing.
 10. Progress cleaning of work areas affected by its operations on a daily basis.
 11. Secure lockup of its own tools, materials, and equipment.
 12. Construction aids and miscellaneous services and facilities necessary exclusively for its own construction activities.
- G. Use Charges: The Owner will pay for temporary use of the permanent utilities. Each Bid Package Contractor is responsible for temporary utilities and required ventilation.

1.6 EXISTING CONDITIONS AND MEASUREMENTS

- A. Information pertaining to the existing buildings and site conditions shall be obtained through site visits coordinated with the Construction Manager ("CM" or "Construction Manager"). It is the Bid Package Contractor's responsibility to review the site and become familiar with existing conditions. Times and dates for the site visits will be reviewed and discussed in the Pre-Bid Meeting.
- B. Each Bid Package Contractor shall research the location of all existing utilities prior to excavation and use extreme caution not to damage any existing utilities. Each Bid Package Contractor is responsible for notifying local utility companies and/or utility locating companies to locate utilities within the project limits prior to starting any excavation.

- C. If the Bid Package Contractor encounters unexpected existing building conditions, they shall cease operations immediately to minimize damage and notify the Construction Manager (“CM” or “Construction Manager”). The Bid Package Contractor shall bear the cost of damage.

1.7 PERMIT AND REGULATIONS

- A. Each Bid Package Contractor shall keep informed as to work of all trades engaged in the charges for connection to outside services. Comply with all laws, ordinances, regulations, and code requirements applicable to his work. The Owner will pay for the main building permit and plan review. All other permits and inspections shall be coordinated by the Bid Package Contractor requiring such for his scope of work and the Owner will make payment for permits, inspections and tap fees. Each Bid Package Contractor is responsible for scheduling all required inspections and coordinating with CM.

1.8 HAZARDOUS MATERIALS

- A. Each Bid Package Contractor is responsible, in accordance with federal, state, and local laws and regulations, for the safe transportation, handling, and legal disposal of hazardous materials and/or hazardous containing materials brought onto the site by their employees, suppliers, and Sub-tier subcontractors.
- B. The CM must be notified immediately of any spill or other mishap involving hazardous materials.

1.9 CONSTRUCTION FUMES AND ODORS

- A. All Bid Package Contractors shall take extreme care and necessary precautions to prevent the infiltration of toxic, hazardous, or objectionable fumes or odors into the project or adjacent occupied buildings. Review with CM all materials, equipment, or operations which may have the potential to provide the above referenced fumes or odors. Equipment operated inside the building is to be electric or propane.

1.10 ACCIDENT / INCIDENT REPORTING

- A. All accidents and incidents to property damage must be reported immediately to the Construction Manager (“CM” or “Construction Manager”).
- B. The Construction Manager is NOT responsible for safety or accidents/incidents on the project or individual Bid Package Contractor safety or accident/incident reporting.
- C. Corrective action(s) to property damage shall be documented and submitted to the CM as a follow up to any accident / incident to property damage.

1.11 GENERAL PROVISIONS & REQUIREMENTS OF THE CONTRACTS

- A. The following general provisions are to be part of each Bid Package work description and apply to each Bid Package Contractor's scope of work.
1. ALL Warranties will start and be in affect starting with the Substantial Completion date which is established by the Letter of Substantial Completion document signed by the Architect/Engineer.
 2. All work of the Bid Package Contractor shall be performed in complete compliance with all local, state, and federal codes and requirements. All work shall comply with the rules and regulations of governing bodies having jurisdiction. Work shall be performed by skilled trade's people having experience in performing the work.
 3. All Bid Package Contractors shall review the drawings to verify fire and smoke wall locations. It is the responsibility of all contractors penetrating these walls to ensure their work is completed in accordance with fire code.
 4. Each Bid Package Contractor shall be responsible for the proper protection of adjacent structures and public rights of way. Each Bid Package Contractor shall always maintain a clean and safe passageway for the workers, owners, and all personnel throughout the entire site. Bid Package Contractors shall not interfere with the traffic flow & activities of the school, adjacent businesses, offices, or houses.
 5. Each Bid Package Contractor shall provide traffic control measures when required for completion of their work.
 6. Each Bid Package Contractor shall provide and maintain an effective Safety Program and conform to all federal, state, and local safety codes. The CM is NOT responsible for site safety or accidents.
 - a. Each Bid Package Contractor shall designate a competent person who will be on site full-time and shall also serve as the safety representative on the Project. For Bid Package Contractors with 10 or more workers on site, the competent person must have completed, at a minimum, OSHA 30-Hour training.
 - b. All new site employees must check-in with the CM before entering the site and sign a check-in form. Once the check-in form is signed, they will receive a sticker for their hard hat that indicates they have checked in. These identification stickers must be worn at all times.
 - c. All site employees may be required to have background checks completed by the Bid Package holder and filed with the Owner.
 - d. All site employees must be registered with the State E-Verify program.
 7. At a minimum, hard hats and safety glasses must be worn at all times on the project site. No one will be allowed to enter the construction site without wearing the proper personal protective items.
 8. Each Bid Package Contractor is responsible to review the site and be familiar with all existing conditions within and around the building including local conditions and requirements. The impact of the site conditions on the cost of performing the work shall be included in the bid.
 9. All trades to verify existing finish floor elevations, façade dimensions, and miscellaneous dimensions.
 10. All spoils generated from excavation and utility work is to be hauled off site.

11. Drawing and specs will be updated in Procore by CM. It is the responsibility of Tier 1 contractors to ensure that they are working from the most up to date set of drawings.
12. Once drywall is hung all stored material must be at least 5' off the face of wall.
13. Where new work connects with existing, do all necessary cutting and fitting required to make a satisfactory connection with the work to be performed under the Contract Documents so as to leave the entire work in a finished and workmanlike condition. This requirement shall include all required work where new items connect, fit, or otherwise interface with existing surfaces. Provide all labor and materials to this end, whether or not shown or specified. Verify and match existing conditions.
14. All Bid Package Contractors and Sub-Tier Bid Package Contractors shall abide by the following list of Project Rules:
 - a. Smoking and tobacco use is prohibited on school grounds.
 - b. All Bid Package Contractors shall coordinate and place deliveries with all other Bid Package Contractors and the CM to assure efficient storage and access.
 - c. Work boots, long pants, and sleeved shirts are required at all times. Gym shoes, short pants, tank tops, and offensive clothing are strictly prohibited.
 - d. Harassment of any type will not be tolerated on the Project Site. Any violation of this policy will be strictly and aggressively enforced up to an including removal of the offending worker from the site. Repeat violations by a Bid Package Contractor's employees or sub-tier employees can result in termination of the Bid Package Contractor's contract.
 - e. No Food or Drinks will be allowed in areas where finish work has begun.
 - f. Signs of any type are prohibited on site except as specifically assigned by the Contract Documents or approved by the CM. OSHA required safety signage does not apply to this rule.
 - g. Bid Package Contractors must see that all their employees and sub tier Bid Package Contractors receive a copy of the above work rules and monitor daily to assure that all rules are complied with.
15. Each Bid Package Contractor is responsible for daily cleanup of all debris associated with his work activities and break activities. The Bid Package Contractor will be responsible for the proper transportation of debris to dumpster locations and placing of debris into dumpster containers. Materials not removed by the Bid Package Contractors will be discarded as directed by the CM at the delinquent Bid Package Contractor's expense plus the cost of any necessary tools or equipment at the CM's discretion. All materials hauled off site are to be disposed of legally.
16. All dust control measures to prevent the mitigation of dust from Bid Package Contractor's operations shall be included by the Bid Package Contractor.
17. Each Bid Package Contractor shall move any stored products under Bid Package Contractor's control which interfere with operations of other Bid Package Contractors or as directed by the CM at no added cost.
18. Any Bid Package Contractor requiring a construction storage trailer must receive approval by the CM and coordinate the location with the CM. Electrical service is the responsibility of the Bid Package Contractor.
19. It shall be each Bid Package Contractor's responsibility to secure that Bid Package Contractor's labor, materials, and equipment. Jobsite security will not be provided by others. It shall be each Bid Package Contractor's responsibility to secure that Bid Package Contractor's labor, materials, and equipment.

20. Any construction fencing, barricades, or safety devices removed by Contractor's employees shall be immediately re-erected by Contractor. Upon failure to do so, the CM may direct the re-erection of same and the cost will be paid by the Bid Package Contractor.
21. Each Bid Package Contractor must provide a 24-hour Emergency phone number to the CM prior to the start of work or the delivery of material to the jobsite.
22. Working hours to be coordinated prior to construction.
23. All overtime to meet the milestone schedule is to be included. Delays due to weather conditions are to be taken into consideration and anticipated when bidding this project.
24. Any utility tie-ins or shutdowns affecting the existing buildings must be coordinated with the CM and done during off hours.
25. The Bid Package Contractor shall be responsible for the protection of its own materials, tools, equipment, and finished work until Substantial Completion is granted. Damage to or theft of any materials, tools or equipment prior to substantial completion will be repaired or replaced at the Bid Package Contractor's expense.
26. Each Bid Package Contractor shall provide all temporary heat, utilities, and protection required for the completion of all work as scheduled except where specifically provided by others in the Contract Documents.
27. Furnish approved copies of submittal items to other Bid Package Contractors as designated by the CM for the purpose of coordination of this work.
28. Each Bid Package Contractor shall submit daily reports on a weekly basis within the project management software being used on project, indicating manpower and work activities from the previous workweek. Upon request, the Bid Package Contractor shall provide a plan for manpower and work for the next week's activities.
29. Commissioning and start up for all systems included in the Bid Package Contractors scope of work is to be include in their bid amount.
30. Each Bid Package Contractor shall, in conjunction with the CM, develop an accurate schedule for the completion of the work. This schedule is to be monitored weekly and each Bid Package Contractor will make any changes in labor or material deliveries required to meet this schedule.
31. Each Bid Package Contractor shall have their Superintendent/Foreman and/or Project Manager attend all weekly Bid Package Contractor Progress Meetings (time and location to be determined after award of contract). A representative authorized to make decisions for each Bid Package Contractor is required to attend the scheduled job meetings, when working on site, 4 weeks prior to the start of work on site and as otherwise directed by the CM.
32. Each Bid Package Contractor is to provide their own specific hoisting. Coordinate requirements and scheduling with CM.
33. Project control points will be established by the General Trades Contractor as a baseline and a benchmark. All other layout will be the responsibility each Bid Package Contractor starting from the benchmark provided by the General Trades Contractor.
34. If any vehicle, equipment, or delivery working under this subcontract carries mud or dirt on any roadways or pavements, the Bid Package Contractor shall clean it off immediately. Any Bid Package Contractor not complying with this requirement will be back charged for the cost plus the cost of any necessary tools or equipment at the CM's discretion.
35. All necessary pumping and dewatering associated with weather & site conditions shall be by each Bid Package Contractor unless specifically noted elsewhere in the contract documents.

36. Each Bid Package Contractor is required to submit the following closeout documents formatted electronically and hard copies:
 - a. Operation and Maintenance Manuals
 - b. Project Record Documents
 - c. Maintenance Materials and Spare Parts
 - d. Guarantees & Warranties
37. Changes in work shall be addressed per the terms of the contract and in a timely fashion, including proper notification of Surety as needed. All change orders, field work orders or other work items not included in this contract shall be submitted on a weekly basis. The Bid Package Contractor must submit any work request and all additional cost within (5) days of the request. Any request for pricing not received within (5) days will be considered a no cost change.
38. All Bid Package Contractors shall supply a labor/material/tax/equipment cost breakdown and invoicing as required by the CM or Owner.
39. Within the required schedule, the Bid Package Contractor shall submit all detailed shop drawings for approval. Prior to fabrication, the Bid Package Contractor is responsible for field verifying critical dimensions.
40. The Bid Package Contractor shall provide submittals and shop drawings and make corrections within 30 days of contract award unless otherwise noted.
41. To facilitate the Punch List process the Bid Package Contractor must complete their Punch List items within 5 working days of receipt of Punch List. Punch list shall be distributed via fax, email, or directly to the site leader. Failure to complete the Punch List within 5 working days OR an agreed upon time in writing with the CM, will result in back charges to have another contractor complete the work.
42. Each Bid Package Contractor shall mobilize immediately to furnish and install required sleeves under or through foundations or other structures as required. Coordinate with other Bid Package Contractors for the sequence and schedule of required sleeves or penetrations. All Bid Package Contractors are responsible to furnish and install their respective access doors unless noted otherwise. All sleeves or access doors must meet or exceed the fire rating of the assembly they are penetrating and be consistent with the architectural finish or theming of the area in which they are installed.
43. All Bid Package Contractors are responsible to fire safe all penetrations associated with their work.
44. Room numbers and names as shown on the Contract Documents are subject to change by the Owner prior to occupancy. Trades that require specific coordination in relation to room numbers shall coordinate their work prior to programming or installation of their systems to ensure that the final room numbers and names are consistent with the Owner.
45. Protect existing structures and surroundings from damage. Restore or repair existing to original conditions upon completion of work.
46. All contractors must visit all sites prior to bidding for purposes of understanding existing conditions, site logistics, site access, and site limitations.
47. Although Specification sections are allocated to the respective Scope of work, it is the intent of the Construction Manager that each Bid Package Contractor read all Specifications Sections and scope of Works for the other Bid Packages. There will be close coordination between many of the Bid Package Contractors, and neither the Construction Manager nor the Owner will be responsible for additional costs as a result of lack of coordination between Bid Packages.

48. Each Bid Package Contractor will be responsible for repair of any damage done to subgrade inside or outside of the building done by their construction operations. This repair includes grading, fill, and compaction in accordance with the construction documents.
49. All Bid Package Contractors to coordinate with all other Bid Package Contractors' panels and accesses to maintain required clearance for maintenance.
50. Owner is responsible for all tap fees, inspection costs, and permit costs to be coordinated by the Bid Package Contractor who the tap fee, inspection or permit pertains to.
51. All Contractors to provide protection for material stored on site. It is the Bid Package Contractor's, who supplied the material, responsibility if the material gets rusted or wet and to provide new material or corrective action.
52. Material stored within the building footprint must be stored at least 5' away from walls and are responsible for coordinating material storage with other contractors so they do not hinder the activities of other contractors. If a Bid Package Contractor's stored material is hindering the ability of another Bid Package Contractor's to complete their work, the Bid Package Contractor who purchased the material must move it immediately or be back charged for time and materials of another Bid Package Contractor to move it.
53. All Bid Package Contractors to clean up after themselves. If trash, construction debris, or construction dust by a certain Bid Package Contractor is continually left uncleaned, they will receive a ticket. After the contractor receives three tickets, \$250 will be deducted from their Bid Package Contractor contract amount. Each ticket after three tickets will result in an additional \$250 deducted from the Bid Package Contractor contract amount.
54. All Bid Package Contractors to be aware that at any time-of-day work may be temporarily halted because of noise adjacent to classrooms, assemblies, sporting events or other meetings at the Owner's request.
55. All Bid Package Contractors to be aware that school events will be ongoing while the schools are under construction.
56. Overtime hours required are to be included within each Bid Category to complete the work within the specified timeframe. Multiple shifts must be considered to meet the schedule.
57. All Bid Categories to break down construction debris and compact in dumpster with heavy equipment to reduce the number of dumpsters needed.

1.10 Bid Category #1 – General Trades

- A. The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below.

01 45 10 Mockups
02 41 00 Site Demolition
04 20 00 Unit Masonry
06 10 53 Wood Blocking
06 16 00 Sheathing
06 40 00 Interior Architectural Woodwork
07 13 26 Self-adhering Sheet Waterproofing
07 21 00 Thermal Insulation
07 27 26 Fluid-Applied Membrane Air Barriers

BARTHOLOMEW
CONSOLIDATED SCHOOL
CORPORATION PROJECT
BP#1 – LF SMITH &
COLUMBUS EAST
RENOVATIONS

SECTION 011200 -
MULTIPLE CONTRACT
SUMMARY

07 62 00 Sheet Metal Flashing and Trim
07 42 13 Formed Metal Wall Panels
07 42 43 Metal Composite Material Wall Panels
07 62 00 Sheet Metal Flashing and Trim
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
07 95 00 Expansion Control
07 92 01 Site Wall Joint Sealant
08 11 13 Hollow Metal Doors and Frames
08 14 19 Flush Wood Doors
08 31 13 Access Doors and Frames
08 42 43 Intensive Care Unit Entrances
08 45 23 Fiberglass-Sandwich-Panel Assembly
08 71 00 Door Hardware
08 71 00A Door Index
09 72 33 Architectural Finish Films
10 11 00 Visual Display Surfaces
10 14 19 Dimensional Letter Signage
10 21 23 Cubicle Curtains and Track
10 26 00 Wall and Door Protection
10 28 00 Toilet, Bath, and Laundry Accessories
10 44 13 Fire Extinguisher and Cabinets
11 31 00 Residential Appliances
11 62 00 Entertainment Equipment
11 66 26 Seclusion Room Padding
12 24 13 Roller Shades
12 93 00 Site Furnishings
32 31 13 Fences and Gates

- B. Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:
- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
 - b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
 - c. Project is sales tax exempt.
 - d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum

- capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24"-36" fine bristle brooms, and five 24"-36" dust pans to be used by all bid category contractors.
 - f. Responsible for removing all stickers, film, and protective coatings on materials installed.
 - g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
 - h. Responsible for protecting finished surfaces associated within this B.C.
 - i. Responsible for all layout, saw cutting, and coring required for new work.
 - j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½" tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
 - k. Responsible for protecting new or existing roof membrane with a minimum of ¾" plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
 - l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
 - m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
 - n. Responsible for all selective demolition as shown on drawings with the exception of the following: BC's 7,8,9,10,11,13 to provide selective demolition for their divisions of work.
 - o. BC-1 Responsible for dumpsters of general work, with the exception that these following BC's are to provide their own dumpsters - BC's 10,11,13.
 - p. BC-8 is responsible for removing existing window assemblies as indicated on drawings.
 - q. Responsible for removal of portion of interior concrete or masonry wall as required for installation of new door and/or borrowed lite and lintel and any other work where this is required.
 - r. Responsible for removing doors, frames, and hardware as indicated on drawings. Coordinate door core salvaging with Owner & CM.
 - s. Responsible for removing smart boards complete as indicated on drawings. Coordinate with owner on reuse/disposal.
 - t. Responsible for removing casework/countertops complete as indicated on drawings. Protect casework/countertops that are to be reused/reinstalled. Responsible for moving, storing, protecting, and reinstalling casework/countertops as indicated.
 - u. Responsible for demo of all casework/countertops in areas of work which must obviously be demolished to accommodate new work regardless of if shown on drawings or not. It is the responsibility of the General Trades Contractor to ensure

- that all necessary casework demo is accounted for. BC-5 is responsible for providing and installing all new casework.
- v. Responsible for removing operable partition complete as indicated on drawings. This is inclusive of any overhead steel support.
 - w. Responsible for removing ceilings as indicated on drawings. Coordinate all ceiling removal with reflected ceiling plans and BC-6 contractor.
 - x. Responsible for removing gypsum walls, CMU, and Concrete as indicated/required for new work.
 - y. Responsible for removing Unit G exterior wall assembly for new addition complete. This includes but not limited to, siding, insulation, substrate, flashing, through wall flashing, coping, framing, sheathing, gypsum.
 - z. Responsible for concrete ramp, steel ramp, and concrete landing that exits unit G as shown on the Architectural demo plans.
 - aa. Responsible for removing fire extinguishers and cabinets complete as indicated on drawings.
 - bb. Responsible for removing appliances complete as indicated on drawings.
 - cc. Responsible for demoing interior concrete floor & foundations in the Blue Tube for new work. Responsible to protect any MEPF lines below. New slab to be poured by BC-3. New steel deck and angle support to be installed by BC-4.
 - dd. Responsible for demo work on Purple tube as shown on the drawings. RH4 on Sheet A202B.
 - ee. Responsible for the Green Tube demolition as shown on the drawings. RH1 on 201B.
 - ff. Responsible for exterior green bridge demolition, stair tower demolition, concrete columns and footings, and associated work as shown on the architectural demo. Complete demo, haul off, and disposal. Contractor to submit demo plan to CM prior to start of work.
 - gg. Responsible to demo exterior Unit A/Unit B abandoned boiler flue foundations complete. Cap envelope penetration with a water tight assembly.
 - hh. Responsible for providing and installing any and all trash chutes required for work. Responsible for any window or wall that is removed, and for an equal or greater assembly to be put back in it's place.
 - ii. Responsible for removing exterior brick and CMU masonry wall as required for installation of new window and lintel.
 - jj. Responsible for protecting existing casework/countertops that are to remain.
 - kk. Remove any items not specifically identified to be removed which must obviously be demolished to accommodate new work. Confirm with CM before removal of items that are not specifically identified to be removed.
 - ll. Responsible for all floor cutting, demo, and patching that does not relate to MEP's per drawings.
 - mm. Responsible for the chain link fence removal and replacement around the playground.
 - nn. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
 - oo. This bid category is responsible for grouting steel baseplates.

- pp. Include temporary insulated, watertight plywood enclosures for openings if necessary. Include install and maintenance of watertight, insulated, temporary plywood exterior doors to be used for construction if necessary.
- qq. Responsible for removing ceiling tiles as needed to complete scope of work. Contractor is responsible for replacement of any ceiling tiles that get damaged in process.
- rr. Responsible for all concrete, masonry, and CMU patching associated with scope of work (floor and wall) as shown on drawings.
- ss. Responsible for any and all bearing pockets required for new structural steel or CFMF framing bearing points per drawings.
- tt. Responsible for relocating casework/countertops as indicated on drawings. Plumbing contractor (BC-10) will be responsible for relocating plumbing fixtures as indicated on drawings.
- uu. Responsible for all adequate shoring needed to complete scope of work.
- vv. Responsible for cleaning and leaving a like-new area in locations where work was performed.
- ww. Responsible for project final clean at the end of each phase prior to Owner turnover.
- xx. Responsible for wood blocking for HM Frames/Doors and DIV10 items. Include shim work as required for all HM Doors.
- yy. Responsible for providing and installing all door hardware as indicated.
- zz. Responsible for providing and installing all Hollow Metal Doors and Door Frames. BC-8 to provide glazing.
- aaa. Responsible for blocking as shown on drawing required at exterior walls and where new additions meeting existing structure. BC-13 responsible to demo back any existing roofing assembly down to deck for BC-1 to install blocking.
- bbb. Responsible for all roof and parapet wood framing and blocking as shown on drawings.
- ccc. Responsible for all blocking for storefronts and windows.
- ddd. Responsible for all wood sheathing as shown on drawings.
- eee. Responsible for casework blocking.
- fff. Responsible for installing new hardware on Existing or new HM or wood doors.
- ggg. Responsible for providing and installing all markerboards and tackboards as indicated on drawings. Responsible for removal and relocation of marker boards, tack boards, and coat hooks/cubby assembly where noted on drawings.
- hhh. Responsible for complete operable curtain system as indicated on drawings.
- iii. Responsible for FRP as indicated on drawings and specifications.
- jjj. Responsible for all specialties per schedule on A901A.
- kkk. Responsible for daily monitoring and clean-up of campus-wide access roads. Must have equipment and fully functioning sweeper on site for duration of project.
- lll. Responsible for providing and installing all corner guards.
- mmm. Responsible for providing and installing all new roller window shades.
- nnn. Responsible for removing and protecting existing roller shades as required for new work.
- ooo. Responsible to provide and install padded wall panels in Unit G. Responsible for wood trim per finish plans and drawings.
- ppp. Responsible to provide and install wall film as shown on the drawings.

- qqq. Responsible to provide and install CYCLORAMA BUILT-IN COVE BASE WALL SYSTEM as shown on the drawings.
 - rrr. Responsible to provide and install Toilet Accessories per the drawings. Verify what is Owner VS Contractor provided.
 - sss. Responsible for all fencing and gates.
 - ttt. Responsible for installing flag pole, flag pole foundations, and flag.
 - uuu. Responsible for general access panels as called out on drawings. BC 8,9,10,11 are responsible for their own Access panels required for their work.
 - vvv. Responsible for new fire extinguishers and cabinets.
 - www. Responsible to provide and install any Masonry work per the drawings.
 - xxx. Responsible to provide and install any CMU bond beams, Precast Concrete beams, erect, set, grout, and slush full.
 - yyy. Responsible for any joint sealants needed besides for windows/storefronts. (BC-8 responsible for windows/storefronts.) Responsible to caulk all door frames (sides and top) to abutting surfaces.
 - zzz. Responsible for the demolition and replacement of the Gym Kalwall Replacement. Responsible to protect existing roller shades, and maintain a watertight envelope at the end of the work day. Responsible for any metal corner pieces, flashing, joint sealants, removal and reinstall of any metal to install the new Kalwall system.
 - aaaa. Responsible for the metal siding, flashing, trim, insulation, soffit, z-girt, flexible flashing at the new additions and existing building as shown on the drawings.
 - bbbb. Responsible for head flashing above new storefronts, windows, curtain wall where a veneer system continues above.
 - cccc. Responsible to provide and install the precast stone / concrete veneer system as shown on the drawings.
 - dddd. Responsible for all interior masonry walls that run to underside of deck above shall have a 2" joint (u.n.o.) at the deck to be filled with fire stopping at rated walls per project manual, and mineral wool at the nonrated walls to allow for deflection.
 - eeee. Responsible for Fire Proofing insulation at Columbus East as shown on the drawings.
 - ffff. Responsible for interior floor and wall expansion joints.
 - gggg. Responsible for all girts, supports, and additional framing required to install the stone veneer system per the manufacturer and in accordance with the structural drawings.
 - hhhh. Responsible for Fluid Applied AVB.
 - iiii. Responsible for INTERIOR Poly-Iso Insulation Board that is to be covered by BC-6 with gyp board.
2. Include **Allowance** of **\$20,000** for temporary walls to be used as directed by CMc.
 3. Include **Allowance** of two hundred and fifty (**250**) 30-Yard dumpsters at LF Smith.
 4. Include **Allowance** of twenty five (**25**) 30-Yard dumpsters at Columbus East.
 5. Include **Allowance** of **\$55,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 6. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.12 Bid Category #2 – Sitework and Paving

- A) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

- 31 10 00 Site Clearing
- 31 20 00 Earth Moving
- 31 20 10 Earthwork - Building
- 31 25 00 Temporary Erosion and Sedimentation Control
- 31 32 19 Geotextiles
- 32 11 23 Granular Base
- 32 12 16 Asphalt Paving
- 32 17 23 Paving Marking
- 32 31 13 Fences and Gates
- 32 92 00 Turf and Grasses
- 32 93 00 Plants
- 33 05 00 Common Work Results for Utilities
- 33 10 00 Water Distribution
- 33 30 00 Sanitary Sewerage
- 33 41 00 Storm Utility Drainage Piping
- 33 46 00 Subdrainage

- B) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.

- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. Responsible for installation and maintenance of all erosion control indicated on the Drawings and as required by local authorities.
- o. Responsible for SWPP per drawings.
- p. Responsible for tree protection as noted on drawings.
- q. Responsible for SWPP reporting per IDEM requirements. Provide CM with copies of any and all reports and paperwork.
- r. Demolition and removal of all items shown on the Civil "C" Drawings. Coordinate with Owner on items they want to be kept or reclaimed. Owner has right to reclaim all removed material and equipment.
 - 1) BC-1 Responsible for the green bridge, stair tower connected from the green bridge, and blue ramp off Unit G.
- s. Responsible for hauling all BC-2’s demoed material off site.
- t. Responsible for removal and disposal of existing trees as noted on drawings. Responsible for removal and haul off of tree stumps and full tree removal.
- u. Responsible for demolition and haul off all existing items on site and clearing of the site as indicated on drawings.
- v. BC-11 will disconnect power to pole lights that are indicated on drawings to be removed. This BC will be responsible for removing existing light pole and concrete complete. Coordinate reuse/disposal of light pole with owner. Concrete to be hauled off site. New Electrical Light Poles/Pole Bases/Light Pole Excavation and Backfill by electrical contractor.
- w. Responsible for removing existing curb complete and disposed of off site.
- x. Responsible for all sawcutting indicated on drawings. Responsible for any sawcutting that is needed to complete scope of work.
- y. Responsible for the removal of any storm or drywell structures.
- z. Responsible for removing existing chain link fencing and gates, signs, sheds, concrete wall and railings as indicated on drawings. Dispose of off site.
- aa. Responsible for exterior excavation, haul off, compaction, backfill, subgrade,

- and subbase for site improvements, roadways, parking lots, sidewalks, curbs, site concrete, and all other work included in this Bid Category.
- bb. Responsible for trench boxes, and this cost will be broken out on a SOV.
 - cc. Responsible for base/subbase finish grading elevations for concrete, asphalt, and landscape surfaces as shown on the C drawings.
 - dd. Responsible for all topsoil backfill material and landscaping to meet the finish grading plan.
 - ee. Responsible for all grading and drainage as indicated on drawings.
 - ff. Responsible for all earthwork operations including but not limited to: clearing and grubbing, stripping and stockpiling topsoil, mass/fine grading, excavation, filling, under cut and replacement, if required, and compaction.
 - gg. Responsible for all stone needed to complete scope of work.
 - hh. Backfill to be installed in lifts per the drawings and specifications.
 - ii. Contractor to follow all backfill and compaction requirements as indicated in drawings and specifications.
 - jj. Responsible for providing acceptable subgrade and subbase for all parking areas, curbs, ramps, and sidewalks. Subgrade must pass proof roll/compaction testing per specs by owner-provided 3rd party testing agency. Initial subgrade proof roll to occur prior to placement of aggregate base.
 - kk. Project control points will be established and maintained by BC-2.
 - ll. Responsible for all aggregate base finish grading elevations for concrete to be +/- 0.1'(Feet) of proper grade. BC-3 is responsible for final grade and final +/-0.1'(Feet) of aggregate base prior to concrete placement.
 - mm. Responsible for relocation of existing utilities on-site in applicable. (With the exception of electric. All electrical underground to be the responsibility of BC-11).
 - nn. Responsible for all utilities as noted on L and C drawings.
 - oo. Responsible for demo of courtyard catch basin(s), RCP storm line demo, infill & flowable fill, and area drain. Coordinate timing with CM. Refer to PD101B.
 - pp. Responsible for compaction and backfill of utility trenches per drawings/specifications.
 - qq. Responsible for all spoil haul-off.
 - rr. Responsible for all material and labor to install drainage/storm system structures and associated piping as indicated in drawings and specifications.
 - ss. Responsible for maintaining slope of piping during installation to the slope indicated on drawings.
 - tt. Contractor is responsible for core drilling existing manholes/structures for new connections where needed/indicated.
 - uu. Responsible for stone filter strip as indicated on drawings.
 - vv. Responsible for drains, grates, and structures as indicated on "C" Civil drawings.
 - ww. New Electrical Light Poles/Pole Bases/Light Pole Excavation/Trenching and Back-fill by electrical contractor.
 - xx. Responsible for new detention ponds including excavation, haul off, disposal, headwalls, concrete end pieces, final seeding, and underground storm piping.
 - yy. Include all mechanical and plumbing equipment located more than 5' outside of the building.
 - zz. Site storm drainage from 5' outside of the building. Install downspout boots and piping.

- aaa. Responsible for all material and labor to install drainage/storm system structures and associated piping as indicated in drawings and specifications.
 - bbb. Responsible for drains and grates as indicated on “C” Civil drawings.
 - ccc. Responsible for all asphalt paving, milling, full depth replacement, demo, and put back.
 - ddd. Responsible for any crack sealing.
 - eee. Responsible for any striping.
 - fff. Responsible for new curb cut. Coordinate with local authorities.
 - ggg. Responsible for curb cut permits, fees, and associated authorizations.
 - hhh. Responsible for seeding as indicated on drawings.
 - iii. Before seeding, remove any gravel/foreign material to maintain a minimum 6-8” layer of topsoil.
 - jjj. All seeding must be covered with straw blankets or hydro-seeding, no loose straw is permitted. Once seed is established, agreed upon between site contractor and CM, if straw blankets are used, BC-2 responsible to return and remove any synthetic fiber or straw blanket as needed with overseeding as needed.
 - kkk. Responsible for topsoil finish grading elevations landscape surfaces.
 - lll. Responsible for planting of new trees as indicated on drawings.
 - mmm. Responsible for all landscaping and planting as indicated on drawings and specifications.
 - nnn. All disturbed areas not proposed to receive pavements shall be dressed with topsoil and seeded per Specifications.
 - ooo. Responsible for dressing up, topsoil, and permanent seeding per the drawings, along site concrete after formwork has been stripped.
 - ppp. Responsible for all exterior signage as indicated on drawings. Responsible for any footers or excavation required for complete signage installation.
 - qqq. Responsible for providing and installing bollards as indicated.
 - rrr. Responsible for supplying and installing all parking bumpers.
 - sss. Responsible for striping, painting, and any horizontal markings as indicated on asphalt, concrete, or as shown. This is inclusive of any crosswalk striping.
2. Include **Allowance** of **\$25,000** to be used as directed by CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Include **Allowance** of **\$25,000** to be used as directed by CMc for unsuitable soil.
 4. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.2 Bid Category #3 – Concrete

- C) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

01 45 10 Mockups
02 41 19 Selective Structure Demolition
03 10 00 Concrete Forming and Accessories
03 20 00 Concrete Reinforcing
03 30 00 Cast-In-Place Concrete

03 30 01 Site Cast-In-Place Concrete
03 33 00 Architectural Concrete
31 10 00 Site Clearing
31 20 00 Earth Moving
31 20 10 Earthwork - Building
31 32 19 Geotextiles
32 11 23 Granular Base
32 13 13 Concrete Paving
33 46 00 Subdrainage

D) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24"-36" fine bristle brooms, and five 24"-36" dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½" tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾" plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.

- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. Responsible for demolition into existing SOG, Foundations, Footings, and Piers to install new concrete work.
- o. Responsible for new concrete work on (S) drawings and (C) drawings including but not limited to footings, foundations, and slabs, cantilevered slabs, elevated slabs on metal deck, sidewalk, curb, curb and gutter, and concrete paving.
- p. Responsible for all steel reinforcement and shop drawings for concrete as shown on drawings.
- q. Responsible for all perimeter and under slab rigid insulation.
- r. Responsible for all adequate shoring required where concrete will be suspended, cantilevered, or will sit on an elevated surface.
- s. Responsible for any temporary shoring required during excavation for new footings, foundations, and piers or related work.
- t. BC-3 responsible for all excavation, backfilling, and compaction for concrete foundations. Responsible to backfill all soil next to buried concrete back to grade. BC-2 responsible for topsoil, landscaping, and seeding.
- u. Include all concrete floor sealers. This includes all required floor prep, cleaning, and removal of all chalk marks. If sealer is applied over chalk lines or other cleanable materials on exposed surfaces, sealer must be stripped, cleaned and re-sealed.
- v. Coordination of utility sleeves required by other bid categories. These sleeves are to be supplied by the Bid Category Contractor requiring them. Installation is the responsibility of this Bid Category.
- w. Responsible for all cast-in-place concrete work including reinforcing, mesh, vapor barrier, expansion joint, dowels, etc. This includes curbs, sidewalks, ramps, slab-on-grade, topping slabs, footings, and foundation walls. BC-3 to provide excavation, haul off, subgrade, subbase, compaction, and fine grading where concrete is called for on the (S) drawings.
- x. Responsible for making the decision to pour concrete or not based on the weather. All temporary protection or lighting necessary to complete the pour and protect during curing process are the responsibility of this contractor.
- y. Responsible for furnishing and installing drainage pipe around foundation wall as indicated on drawings.
- z. BC-3 is responsible for footings/foundations/slabs inside school where structural work is occurring. Responsible for all material and excavation required for these footings.
- aa. Project control points will be established by BC-2 as a baseline and a benchmark. All other layout will be the responsibility each Bid Package Contractor starting from the benchmark provided by BC-2.
- bb. Responsible to provide and maintain a concrete washout per the bid documents.
- cc. Responsible for cast in place in-wall blocking as shown on drawings.
- dd. Responsible for any and all rigid insulation, thermomass insulation, and fasteners as shown on drawings.

- ee. Responsible for installation, repair, maintenance, and removal of the concrete wash out areas. Must restore areas to original condition.
 - ff. Responsible for all exterior cast-in-place concrete work, reinforcing, mesh, vapor barrier, expansion joint, dowels, etc. This includes curbs, sidewalks, ramps, slab-on-grade, topping slabs, footings, and foundation walls.
 - gg. BC-2 Responsible for all aggregate base finish grading elevations for concrete to be +/-0.1'(Feet) of proper grade. BC-3 is responsible for final grade and final +/- 0.1'(Feet) of aggregate base prior to concrete placement.
 - hh. Responsible for all concrete pavement.
 - ii. Responsible for concrete as indicated on site drawings.
 - jj. Responsible for protecting existing concrete to remain. If the contractor causes any damage to existing concrete, they are responsible for replacement.
 - kk. Responsible for all concrete/asphalt pavement painting/stripping as indicated on drawings.
 - ll. Responsible for all steel reinforcement and shop drawings for concrete as shown on drawings.
 - mm. Responsible for all concrete joint sealants. Responsible to caulk exterior construction and expansion joints. Any concrete that abuts a dissimilar material shall be caulked.
 - nn. Responsible for making the decision to pour concrete or not based on the weather. All temporary protection or lighting necessary to complete the pour and protect during curing process are the responsibility of this contractor.
 - oo. Responsible to coordinate install of new site sidewalk that abuts Waycross Drive with local building authorities.
 - pp. Responsible for any imbedded or ADA equipment that is to be incorporated into site concrete work such as ADA textured imbeds, Truncated Dome imbeds, or as the bid documents specify.
2. Include **Allowance** of **\$30,000** to be used as directed by CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Include **Allowance** of **\$20,000** to be used as directed by CMc for unsuitable soil.
 4. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.3 Bid Category #4 – Structural Steel

D) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

- 05 12 00 Structural Steel Framing
- 05 31 00 Steel Decking
- 05 40 00 Cold-Formed Metal Framing
- 05 50 00 Metal Fabrications
- 05 51 00 Metal Stairs
- 05 52 13 Pipe and Tube Railings
- 05 73 00 Decorative Metal Railings

- E) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:
- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
 - b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
 - c. Project is sales tax exempt.
 - d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
 - e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
 - f. Responsible for removing all stickers, film, and protective coatings on materials installed.
 - g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
 - h. Responsible for protecting finished surfaces associated within this B.C.
 - i. Responsible for all layout, saw cutting, and coring required for new work
 - j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
 - k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
 - l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
 - m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
 - n. Responsible for providing and erecting structural steel as shown on the drawings. Contractor to submit proposed crane logistics plan prior to mobilization onsite.
 - o. Responsible to field verify new steel work measurements and coordinate with CM & design team if there are any discrepancies.

- p. Responsible for adequate temporary shoring to perform scope of work.
 - q. Provide columns, tube steel, wide flange beams, connections, fasteners, epoxy, and accessories. All steel members shown on drawings for structural repairs are to be provided and installed by BC-4.
 - r. Responsible for providing and delivering lintels shown on drawings. BC 1 to install lintels.
 - s. Responsible to provide drilled holes in steel channel, tubes, and beams, and mounting plates. Any steel that does not come pre-drilled shall be the responsibility of BC-4 to drill in the field.
 - t. Responsible for providing anchor bolts required for new steel columns. BC-3 to install.
 - u. Responsible to provide and install interior and exterior metal or aluminum handrails including coring, grouting, and fasteners. BC-1 to provide In-wall blocking.
 - v. Responsible to provide hand rail finished as specified. Responsible for any and all decorative hand rail included any finishes, glazing, and fasteners required.
 - w. Responsible for hand rail attachment to floor system, including fasteners, welding, epoxy, bolts, anchor bolts or specialties.
 - x. Responsible to provide and install steel decking.
 - y. Responsible for all baseplates, bearing plates, anchor bolts for new columns.
 - z. Responsible for providing and installing all lintels, curb framing, support, and loose steel as shown on the structural drawings required for new MEP openings.
 - aa. Responsible for all welding required by drawings.
 - bb. Responsible to provide and install all CFS steel as shown on the S Drawings.
 - cc. New steel deck and angle support to be installed by BC-4 at new Blue Ramp Slab on Metal Deck. Ramp Hall #1 RH1 on sheet A201B.
 - dd. Responsible to provide all hardware as specified to install new steel work.
2. Include **Allowance** of **\$25,000** to be used as directed by CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.4 Bid Category #5 – Countertops, Cabinetry, and Casework

- F) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

- 01 45 10 Mockups
- 06 40 00 Interior Architectural Woodwork
- 07 92 00 Joint Sealant
- 10 26 23 Decorative Wall Protection Panels
- 12 32 16 Manufactured Plastic-Laminate-Faced Casework
- 12 36 13 Epoxy Resin Tops
- 12 36 61 Solid Surface Countertops

- G) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- k. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- l. All Bid Packages are responsible for the information in Division 0 and Division 1 specs.
- m. Responsible for supplying and installing all casework as indicated on drawings and specifications. Responsible for lab countertops, wall cabinets, tall cabinets, low cabinets, and base with countertops.
- n. Responsible for any end panels needed for casework that is to be relocated.
- o. Responsible for Plam banding, Filler Panels, End Panels, or any work to salvaged casework as specified in the drawings.
- p. BC-1 is responsible for removing casework/countertops complete as indicated on drawings. BC-1 is to protect casework/countertops that are to be reused/reinstalled. BC-1 to reinstall this casework/countertops.
- q. Responsible for Reading Nooks millwork and finished fabric in new Media Center at LF Smith.
- r. Responsible for Wall Panels (WP) and Solid Surface (SS) on bench seating in the new Media Center, Corridor Addition, and as specified on the drawings.

2. Include **Allowance** of **\$20,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.5 Bid Category 6 – Framing, Drywall, and Acoustical Ceilings

H) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

01 45 10 Mockups
05 40 00 Cold-Formed Metal Framing
06 16 43 Glass-Mat Gypsum Wall Sheathing
07 21 00 Thermal Insulation
07 21 29 Spray Applied Cellulose Insulation
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
09 22 16 Non-structural Metal Framing
09 29 00 Gypsum Board
09 51 13 Acoustical Panel Ceilings
09 84 33 Sound-Absorbing Wall Units
09 84 36 Sound-Absorbing Ceiling Units

- I) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:
- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
 - b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
 - c. Project is sales tax exempt.
 - d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.

- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. BC-6 to patch and prep walls for new finish where items were removed from walls. Include patch and prep for owner-removed items on walls.
- o. Responsible to patch and prep gypsum walls and bulkheads for new finish as needed.
- p. Responsible to brace all steel studs according to manufacturer limit.
- q. Responsible to provide and install all steel studs per the drawings and specs.
- r. Where insulated or sound walls extend to deck, fill deck flutes with insulation/sound attenuation. Responsible for any sound or thermal above ceiling insulation.
- s. Responsible for all interior and exterior metal stud framing, insulation, and drywall work as indicated on drawings.
- t. Responsible for all metal stud wall, bulkhead, pony wall, and parapet wall framing as shown on drawings.
- u. Responsible for all ceiling work as indicated on drawings.
- v. Provide and install all gypsum wall sheathing as required.
- w. Responsible for all drywall hanging and finishing.
- x. Responsible for all patchwork before final coat of paint.
- y. Responsible for all batt and sound insulation as indicated on drawings.
- z. Responsible for acoustical caulking at base and top of walls per drawings.
- aa. Responsible for providing correct gypsum wall board type for each application per specifications.
- bb. All metal stud walls shall have full thickness sound attenuation blankets extending full height of the wall unless otherwise noted.
- cc. BC-1 shall provide and install INTERIOR rigid insulation.
- dd. Responsible for any interior vapor barrier within the exterior wall assembly.

- ee. Provide mold and mildew resistant gypsum wall board at exterior wall locations and at all wet area walls not receiving wall tile.
- ff. Provide glass-mat water resistant backer board in lieu of gypsum wall board where wall tile is specified. If wall tile height is not full height A.F.F., provide mold and mildew resistant gypsum wall board above top of wall tile height.
- gg. Wall types are assumed to be continuous within the same plane or surface until another tag is shown.
- hh. Responsible for protecting finished surfaces. When working over top of finished casework or flooring the finished material must first be protected with RAM Board or a similar product. Joints must be taped and maintained.
- ii. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
- jj. Responsible for removing ceiling tiles as needed to complete scope of work. Contractor is responsible for replacement of any ceiling tiles that get damaged in process.
- kk. Coordinate top out of walls with Bid Category Contractors that have penetrations through walls.
- ll. Responsible for coordinating with MEP contractors to establish Priority 1 and Priority 2 Walls. Priority 1 walls are those that must be topped out before MEP's can pass through, Priority 2 Walls are those in which the Drywall can be topped out after MEP's have been run through.
- mm. Coordinate with MEP (BC-9, BC-10, and BC-11) on full height walls and associated openings.
- nn. Provide all layout necessary to complete this scope of work.
- oo. Responsible to provide and install all metal and steel stud framing at addition envelope system.
- pp. Provide all necessary scaffolding or lifting necessary to complete this scope of work.
- qq. Responsible for low-rise foam insulation which is applied before wood blocking for the storefront and curtain wall systems if applicable.
- rr. To include patchwork after first coat of paint and before final coat of paint throughout.
- ss. Where possible, drywall joints are to be centered over doors. In areas where drywall cracks it is the responsibility of this contractor to patch and repaint the damaged area.
- tt. Ceiling pad out to be in two stages. The first stage is to include all perimeter tiles and those that need cut. The second stage is to include full pad out once all above ceiling work is completed. If all overhead work is complete when ceilings begin, ceilings can be hung at once.
- uu. Responsible for construction of the metal stud and drywall fire and smoke partitions. This includes fire taping and all top of wall firestopping. Mark all firewalls above ceiling with signage.
- vv. Responsible for all acoustic ceiling work including impacts clips as required, suspension system, and edge moldings.
- ww. Responsible for coordination with all other Bid Category Contractors that have fixtures and systems that penetrate the drywall or need to be cut into acoustical ceiling tiles.

- xx. Responsible for framing and finishing all gypsum board bulkheads and suspended gypsum board ceilings.
 - yy. Responsible for completely removing all stickers and tape from materials installed under this Bid Category.
 - zz. Responsible for supplying and maintaining security enclosures or lockups as required to protect material and equipment onsite.
 - aaa. All Bid Category Contractors are responsible for completely covering and protecting exposed concrete slabs, and concrete walls to prevent weather stains, rust stains, and other construction material stains on the finished surfaces when conducting work in surrounding area.
 - bbb. Responsible for using dust control measures when sanding or performing drywall work. This includes using vacuum sanders or plastic around your work if necessary.
 - ccc. All Bid Packages are responsible for protecting floors, walls, and other finishes during completion. Any damage caused by this Bid Category will be fixed at this Bid Category's expense.
 - ddd. Responsible to provide and install all Acoustical clouds, birds, and treatment as shown on the drawings. This is inclusive of all acoustical birds in LF Smith.
 - eee. Responsible for any ceiling expansion joints. This is inclusive of any expansion joints in gypsum ceilings, acoustical ceilings, and where ceilings meet walls.
2. Include **Allowance** of **\$25,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.6 Bid Category #7 – Flooring and Tiling

- J) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

- 01 45 10 Mockups
- 03 54 16 Hydraulic Cement Underlayment
- 07 84 13 Penetration Firestopping
- 07 84 46 Fire-Resistive Joint Systems
- 07 92 00 Joint Sealant
- 09 30 00 Tiling
- 09 65 13 Resilient Base and Accessories
- 09 65 16 Resilient Sheet Flooring
- 09 65 23 Luxury Vinyl Tile Flooring
- 09 65 66 Resilient Athletic Flooring
- 09 67 23 Resinous Flooring
- 09 68 13 Tile Carpeting

- K) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. Responsible for all flooring demo. All grinding to be done with HEPA Vacuums.
- o. All labor, material, and equipment necessary to complete the flooring, tile, wall tile, epoxy, LVT, VCT, carpet demo and install. Contractor is responsible for complete demo of flooring system per drawings and specifications.
- p. Responsible for providing and installing epoxy carpet, ceramic tile, resinous, and LVT flooring.

- q. Responsible for all underlayment necessary. Responsible for prep needed to make a workable level surface.
- r. Responsible for all base as indicated on drawings.
- s. Contractor to note that this is a renovation project with existing flooring material already in place. Contractor to include proper floor prep that can be expected in existing buildings of this era. Responsible for all flooring removal and floor prep for new work.
- t. Follow manufacturer's guidelines for installing flooring over areas with gypcrete.
- u. Responsible for protecting finished surfaces. When working over top of finished casework or flooring the finished material must first be protected with RAM Board or a similar protect. Joints must be taped and maintained.
- v. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
- w. Responsible for supplying and maintaining security enclosures or lockups as required to protect material and equipment onsite.
- x. All Bid Category Contractors are responsible for completely covering and protecting exposed concrete slabs, and concrete walls to prevent weather stains, rust stains, and other construction material stains on the finished surfaces when conducting work in surrounding area.
- y. Responsible for testing slab moisture levels prior to laying new flooring. Moisture/pH and other required testing of the slabs prior to installation is the responsibility of this Bid Category. This must be completed immediately to prevent any schedule delays.
- z. Responsible for all required floor and wall tile surface prep.
- aa. Responsible for checking to make sure all walls that are to receive tile or wall covering are plumb. If a wall is found to be out of plumb the contractor must relay the information to the CM so the issue can be resolved. Once the tile is set, the wall is the ownership of the tiler and if deemed unacceptable by the owner or manager the contractor must remove and replace the unactable work
- bb. Responsible for reviewing, inspecting, and approving in writing the substrate in which this contractor's material is to be applied on. If material is not installed according to specifications, the contractor is to remove, coordinate repair of the substrate, and reinstall according to drawings and specifications.
- cc. All waxing and sealing for the floors should be included in final cleaning performed by flooring contractor.
- dd. Provide temporary protection for all carpet and floor finishes after installation until Final Completion.
- ee. Responsible for completely removing all stickers and tape from materials installed under this Bid Category.
- ff. Responsible for cleaning and caulking all slab on grade control joints prior to placement of floor finish.
- gg. At building expansion joints, all partitions, ceilings, floors and all wall, floor or ceiling mounted items shall be anchored to the building structure on only one side of the expansion joints. Contractor shall coordinate construction or installation of all items noted to assure that no such items bridge across the expansion joint.
- hh. Flooring contractor shall caulk any LVT to door frames with color to match flooring, as well as LVT to Concrete, CMU, Masonry, Brick, walls where necessary.

- ii. Responsible for Resilient Athletic Floor.
 - jj. Floors that require self leveler must be prepped properly before install of self leveler.
 - kk. Floors will not be accepted where self leveler is applied over existing adhesive.
 - ll. Any asbestos removal of flooring by Owner. This BC responsible to properly prep flooring areas where asbestos remediation occurred before installing new flooring.
 - mm. Responsible for all flooring thresholds, terminations, reducers, and transition strips.
 - nn. Contractor responsible to self perform 60% of labor required for scope of work.
 - oo. Contractor to hold a three year labor and material warranty for three (3) years after project substantial completion.
- 2. Include **Allowance** of **\$35,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 - 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.7 Bid Category #8 – Windows and Glazing

- L) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

- 01 45 10 Mockups
- 02 41 19 Selective Structure Demolition
- 05 50 00 Metal Fabrications
- 06 10 53 Wood Blocking
- 07 84 13 Penetration Firestopping
- 07 84 46 Fire-Resistive Joint Systems
- 07 92 00 Joint Sealant
- 08 41 13 Aluminum-Framed Entrances and Storefronts
- 08 44 13 Glazed Aluminum Curtain Walls
- 08 71 00 Door Hardware
- 08 71 00A Door Index
- 08 80 00 Glazing
- 08 88 53 Security Glazing

- M) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.

- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. All Bid Packages are responsible for the information in Division 0 and Division 1 specs.
- o. All labor, material, and equipment necessary to complete the window/storefront systems/curtain wall install. The items listed below are not a complete list of work to be performed. Contractor is responsible for a complete and operational window/storefront system. This includes all necessary work inside the existing building.
- p. Responsible for both demo and replacement of any storefront/windows systems as shown on drawings.
- q. Responsible for installation of storefront/window systems as shown on drawings.
- r. Responsible for providing and installing all borrowed lite glazing as indicated in drawings and specifications.
- s. Responsible for all interior and exterior caulking for storefront/window systems.
- t. BC-8 is responsible to supply and install new storefronts/windows.
- u. BC-8 is responsible for any expansion joints that would be integrated into curtain wall system.

- v. Responsible for interior door lites.
 - w. Responsible for any new aluminum door hardware and install. BC-11 to provide wiring and controls.
 - x. Responsible for any retrofitting of new aluminum door hardware on existing to remain aluminum doors.
 - y. Provide and install aluminum door hardware per drawings. Low voltage controls or power, or controls shall be done by BC-11.
 - z. Responsible for all matching aluminum brake metal as shown on drawings where called for at aluminum assemblies, or where called for.
- 2. Include **Allowance** of **\$15,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 - 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.8 Bid Category #9 – Fire Protection

- N) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

05 50 00 Metal Fabrications
06 10 53 Wood Blocking
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
08 31 13 Access Doors and Frames
20 00 10 Common Work Results for Fire Suppression, Plumbing and HVAC
20 00 50 Common Materials and Methods for Fire Suppression, Plumbing and HVAC
20 00 60 Common Pipe, Valves, Fittings and Hangers for Fire Suppression, Plumbing and HVAC
20 01 80 Common Insulation for Plumbing and HVAC
21 10 00 Water-Based Fire-Suppression Systems

- O) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.

- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. BC-9 is responsible for any demolition, and re-routing of existing sprinkler systems.
- o. Responsible for fire suppression system design and installation including but not limited to backflow preventers, meters, fire department connections, drains, testing, certifications, manifolds, air compressor, and pumps as required to meet code. Any questions on operations of facility must be asked prior to bid day.
- p. See Bid Documents for any new exterior new water service work and or extension into the building. All excavation, tapping, coring, sleeves, piping, and backfill to be included. Refer to S drawings for limitations and requirements for hole sizes.
- q. Responsible to coordinate shut down with CM, Owner, and local authorities when installing new fire service.
- r. Responsible to provide fire department connections.
- s. Responsible to provide any hydraulic calculations prior to work.
- t. Responsible for protecting finished work.
- u. Responsible for delegated design and installation of fire suppression system.
- v. Responsible for designing system to not interfere with HVAC, electrical, lighting, and other above ceiling systems.
- w. All flow and tamper switches to be included. BC-11 to tie into fire alarm.

- x. Responsible to coordinate final ceiling height with new sprinkler system. If pipe is to be prefabricated, field dimensions and onsite coordination must be documented and the CM present.
- y. Responsible for fire stopping around any penetrations that pass through a fire rated assembly.
- z. Responsible for installing any access panels required to access system whether shown on drawings or not.
2. Include **Allowance** of **\$10,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.9 Bid Category #10 – Plumbing & HVAC

- P) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

01 45 10 Mockups
05 50 00 Metal Fabrications
06 10 53 Wood Blocking
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
08 31 13 Access Doors and Frames
20 00 10 Common Work Results for Fire Suppression, Plumbing and HVAC
20 00 50 Common Materials and Methods for Fire Suppression, Plumbing and HVAC
20 00 60 Common Pipe, Valves, Fittings and Hangers for Fire Suppression, Plumbing and HVAC
22 11 19 Domestic Water Piping Specialties
22 11 23 Domestic Circulation Pumps
22 13 19 Sanitary Waste Piping Specialties
22 14 23 Storm Drainage Piping Specialties
22 33 00 Electric Domestic Water Heaters
22 40 00 Plumbing Fixtures
22 47 00 Drinking Fountains and Water Coolers
23 05 93 Testing and Balancing
23 09 00 Instrumentation and Control for HVAC
23 21 13 Hydronic Piping Systems
23 23 00 Refrigerant Piping
23 25 00 HVAC Water Treatment
23 31 13 Metal Ducts
23 33 00 Air Duct Accessories
23 34 23 HVAC Power Ventilators
23 37 13 Diffusers, Registers, Grilles and Louvers
23 82 19 Fan Coil Units
23 82 21 Classroom Unit Ventilators Self-Contained

23 82 24 Vertical Unit Ventilators
23 82 39 Unit Heaters – Hydronic
23 82 40 Unit Heaters – Electric
33 05 00 Common Work Results for Utilities
33 10 00 Water Distribution
33 30 00 Sanitary Sewerage
33 41 00 Storm Utility Drainage Piping
33 46 00 Subdrainage

- Q) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:
- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
 - b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
 - c. Project is sales tax exempt.
 - d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
 - e. BC- 1 Responsible to provide five 24"-36" fine bristle brooms, and five 24"-36" dust pans to be used by all bid category contractors.
 - f. Responsible for removing all stickers, film, and protective coatings on materials installed.
 - g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
 - h. Responsible for protecting finished surfaces associated within this B.C.
 - i. Responsible for all layout, saw cutting, and coring required for new work
 - j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½" tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
 - k. Responsible for protecting new or existing roof membrane with a minimum of ¾" plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.

- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. This Bid Category is responsible for all the work as identified in the Drawings and Specs.
- o. Responsible for providing as-builts/record documents at 25%, 50%, 75%, and 100% completion.
- p. All labor, material, and equipment necessary to complete the Plumbing & HVAC system and equipment install. The items listed below are not a complete list of work to be performed. Contractor is responsible for a complete and operational Plumbing & HVAC system. This includes all necessary work inside and outside of the existing building.
- q. Responsible for all work on “P” and “PD” drawings. Responsible for all Plumbing demo as indicated in drawings and specifications.
- r. Coordinate with BC-1 for masonry & concrete openings and BC-6 for drywall openings.
- s. Responsible for all sand/gravel needed.
- t. Responsible for all fixtures, piping, connections, etc. shown on plumbing drawings for a complete restroom.
- u. Responsible for providing dumpsters for all Plumbing demo work. All systems to be properly evacuated and disposed of.
- v. Responsible for removing ceiling tiles as needed to complete scope of work. Contractor is responsible for replacement of any ceiling tiles that get damaged in process. Responsible for including ceiling removal and replacement in bid if required to install pipes or equipment above existing ceiling.
- w. Responsible for protecting finished surfaces. When working over top of finished casework or flooring the finished material must first be protected with RAM Board or a similar product. Joints must be taped and maintained.
- x. Responsible for removing all plumbing fixtures as indicated on drawings.
- y. Responsible for demoing, sawcut, and patching for plumbing.
- z. Responsible for sawcut, slab demo, core drilling, and patch back of floors and walls necessary to complete plumbing scope of work.
- aa. Responsible for excavation, haul off as needed to complete scope of work.
- bb. Responsible for hauling concrete and spoils off-site.
- cc. Responsible for abandoning all domestic cold water, hot water and hot water return piping in place as indicated on drawings.
- dd. Responsible for removing all piping, equipment, valves, etc. as indicated.
- ee. All piping and equipment abandoned by nature of new construction shall be removed in this contract.
- ff. Any devices removed accidentally during demo will be replaced at no additional cost to owner.
- gg. Responsible for installing caps on all piping where they are left open ended by demolition. Provide tags for all abandoned or capped piping listing old service.

- hh. Disposal of demolished materials shall comply with all local, state and federal regulations.
- ii. Field verify all existing conditions as to exact service, location, type of material, etc. before bidding and before beginning any demolition.
- jj. Responsible for removing all hangers, brackets, pipe supports, anchors, expansion joints, etc. associated with piping to be removed.
- kk. Responsible for removal of all concrete equipment pads unless specifically noted to remain.
- ll. Responsible for removing lavatories and urinals, carriers, and all associated piping back to main and cap as indicated on drawings.
- mm. Responsible for removing sink and all associated piping back to main.
- nn. Responsible for removing floor drains and associated piping back to main and cap as indicated on drawings.
- oo. Responsible for all piping demo as indicated on drawings.
- pp. Responsible for patching & infilling any abandoned holes in floors, walls, ceilings left from abandoned HVAC, Plumbing, Hydronics, and controls with an assembly per the drawings.
- qq. Responsible to furnish and install their respective access doors unless noted otherwise. All sleeves or access doors must meet or exceed the fire rating of the assembly they are penetrating and be consistent with the architectural finish or theming of the area in which they are installed. Contractor is responsible for providing and installing all access doors required to access their work, regardless of if the access panel is indicated on the drawings.
- rr. Responsible for all storm, domestic, and sanitary piping and connections as indicated on drawings to a point 5' from building. BC-2 is responsible for everything greater than 5' from building. Responsible for domestic exterior water piping as shown on plumbing drawings that routes around building.
- ss. Responsible for all excavation, haul off, compaction, and backfill associated with this work.
- tt. Responsible for all cleanouts, floor drains, roof drains, and associated piping as indicated in drawings and specifications.
- uu. Responsible for Roof Drain Pans, included but not limited to core drilling, cutting, patching, and blocking as required for new installation.
- vv. Responsible for connecting storm piping to existing roof drain where indicated on drawings. Responsible for extending to existing underground storm piping as indicated on drawings.
- ww. Responsible for all vent piping as indicated on drawings.
- xx. Responsible for providing and installing all HW, CW, Waste, and Vent piping as indicated on drawings.
- yy. Responsible for all equipment and housekeeping pads in this Bid Category whether shown or not shown on drawings.
- zz. Responsible for any wood blocking for categories scope or support required but not indicated on drawings.
- aaa. Include all layout and installation of plumbing system pipe hangers, and sleeves.
- bbb. BC-2 is responsible to run water, sewer, gas, and storm within 5' of building as shown on drawings. BC-10 to make final connection outside of building. If not shown on site drawing this BC to extend from existing interior utility services.

- ccc. Include fire and smoke stopping where this work passes through rated assemblies.
- ddd. This contractor will be responsible for firestopping their penetrations as required.
- eee. All testing and labeling should be completed before ceilings are installed. Hydrostatic testing and documentation must be completed and witnessed by the CM. Prior to placing the domestic water system into service the piping must be flushed with clean water until the water runs clear. All filters, strainers and aerators must be cleaned.
- fff. Responsible for connection of roof drains and interior storm work.
- ggg. Contractor will be responsible for all new underslab plumbing excavation as needed. This includes haul off of spoils, back-fill, and compaction, as necessary. In areas where a utility runs under floor slabs, sidewalks, or area of parking lot, trench is to be backfilled with structural fill material.
- hhh. Responsible for all sleeves for penetrations through the foundation, slab, and masonry walls. (To coordinate with respective Bid Category)
- iii. Responsible for plumbing connections to all equipment.
- jjj. Include all required pressure testing of piping materials.
- kkk. Responsible for painting equipment black that is visible behind diffusers, registers, and grilles.
- lll. Provide valve tags and schedule as indicated in the contract documents.
- mmm. Flushing of the domestic water system after new screen and bypass has been installed on the service line.
- nnn. Responsible for all sanitary waste piping .
- ooo. Provide all training, commissioning, and start up. Startup should be by a factory trained and authorized personnel.
- ppp. Include all required pipe insulation.
- qqq. Responsible for supplying and maintaining security enclosures or lockups as required to protect material and equipment onsite.
- rrr. Responsible for maintaining job trailer if decision is made to keep one on site.
- sss. Provide temporary roof drain piping necessary to maintain a dry building and protect the subgrade.
- ttt. Responsible for providing and installing all plumbing equipment and associated piping. BC-11 will be responsible for providing and installing power for all equipment. All other wiring to complete scope by this BC.
- uuu. All labor, material, and equipment necessary to complete the Plumbing systems and equipment install.
- vvv. Responsible for connecting gas to rooftop unit as indicated on drawing. Responsible for providing dirt leg, union, shut-off valve, and pressure reducing valve as indicated on drawings.
- www. BC-10 will be responsible for any new Plumbing framed openings in existing buildings or new additions (material and labor) or any others not shown on (S) drawings required for scope of work. Coordinate size of steel required with S drawings.
- xxx. All Bid Packages are responsible for protecting floors, walls, and other finishes during completion. Any damage caused by this Bid Category will be fixed at this Bid Category's expense.
- yyy. Coordinate all shut-downs with CM/Owner 72 hours before occurrence.

- zzz. Responsible for repairing or replacing pipe insulation damaged during demolition or renovation to match original condition.
- aaaa. Responsible for patching all openings left by removal of plumbing pipe, etc. in existing walls and floors, unless specifically noted to be performed by others. Work by others indicated on “A” and “S” drawings. Repair surfaces to match existing surfaces.
- bbbb. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
- cccc. Responsible for required Plumbing controls, valves, and rough-ins.
- dddd. Contractor to install filter fabric on return air grilles in areas of on-going renovation to keep returns from sucking in potential dust and debris.
- eeee. All labor, material, and equipment necessary to complete the HVAC systems and equipment install. The items listed below are not a complete list of work to be performed. Contractor is responsible for a complete and operational HVAC system. This includes all necessary work inside and outside of the existing building.
- ffff. Responsible for “M” and “MD” drawings.
- gggg. Responsible for providing dumpsters for all HVAC demo work. All systems to be properly evacuated and disposed of.
- hhhh. Responsible for all temporary connections required to complete the HVAC, Controls, and Mechanical Piping scope of work in accordance with phasing schedules.
- iiii. Responsible for removing all mechanical equipment as indicated on drawings.
- jjjj. Responsible for demo, sawcut, and core drilling needed for scope of work. Refer to S drawings for limitations and requirements for hole sizes.
- kkkk. Responsible for hauling concrete and spoils off-site.
- llll. Responsible for pinning and pouring slab patches back as indicated/needed regardless if they are shown on drawings.
- mmmm. Responsible for all HVAC demo as indicated in drawings and specifications.
- nnnn. Responsible for abandoned HVAC boiler exhaust pipe from Unit A basement complete. Responsible to weather tight any openings from demolition.
- oooo. Sawcut and patch floors and walls to match existing as required to complete scope of work.
- pppp. Responsible for all ductwork and piping demo and corresponding hangers and supports.
- qqqq. Responsible for removing all equipment, piping, anchors, etc. as indicated.
- rrrr. All piping, ductwork and equipment abandoned by nature of new construction shall be removed in this contract.
- ssss. Any devices removed accidentally during demo will be replaced at no additional cost to owner.
- tttt. Responsible for installing caps on all piping and ductwork where they are left open ended by demolition. Provide tags for all abandoned or capped piping listing old service.
- uuuu. Responsible for removing all hangers, straps, brackets, pipe supports, anchors, expansion joints, etc. associated with ductwork and/or piping to be removed.
- vvvv. Responsible to demo louvers.
- wwww. Responsible for patching all openings left by removal of mechanical pipe, ductwork, etc. in existing walls and floors, unless specifically noted to be performed

- by others. Work by others indicated on “A” and “S” drawings. Repair surfaces to match existing surfaces.
- xxxx. Responsible for all associated mechanical piping and connections as indicated in drawings and specifications.
- yyyy. Responsible for all equipment and housekeeping pads in this Bid Category whether shown or not shown on drawings.
- zzzz. Responsible for all testing and balancing required for a complete system.
- aaaa. Responsible for all sleeves for penetrations through the foundation, slab, and masonry walls. (To coordinate with respective Bid Category)
- bbbb. Responsible for mechanical connections to all equipment.
- cccc. Include all ductwork, return, plenum, and pipe insulation.
- dddd. Responsible for repairing or replacing pipe and duct insulation damaged during demolition or renovation to match original condition.
- eeee. Responsible for providing and installing all mechanical equipment and associated piping and ductwork. BC-11 will be responsible for providing and installing power for all mechanical equipment. All other wiring to complete scope by this BC.
- ffff. BAS wiring by BC-11 as required.
- gggg. Responsible for a fully functional controls system. Contractor to complete point-by-point verification of controls and produce trending graphs showing proper operation of sequencing.
- hhhh. All labor, material, and equipment necessary to complete the HVAC systems and equipment install.
- iiii. Provide all dampers as indicated on drawings.
- jjjj. Include new louvers and vents for all new equipment as indicated.
- kkkk. All Bid Packages are responsible for protecting floors, walls, and other finishes during completion. Any damage caused by this Bid Category will be fixed at this Bid Category’s expense.
- llll. Responsible for all welding and labor required to complete scope of work.
- mmmm. Coordinate all shut-downs with CM/Owner 72 hours before occurrence.
- nnnn. Responsible for installing Vertical Unit Ventilators and all associated piping/connections, valves, fittings, sheet metal, trim, etc.
- oooo. Responsible for required HVAC controls, conduit, wiring, and rough-ins. This includes thermostat rough ins and wiring complete (both low and high voltage).
- pppp. Responsible for all air hydronic work.
- qqqq. BC-10 Responsible for any and all smoke dampers, fire dampers, or combination dampers. BC-11 to provide power. BC-10 to provide low voltage, controls, programming, and other associated wiring.
- rrrr. Responsible for replacement of all HVAC filters in renovation spaces after final cleaning.
- ssss. Responsible for changing the HVAC filters during construction to prevent construction dust from damaging new systems, ductwork, grilles, supplies, or equipment.
- tttt. Responsible for installing and maintaining HVAC filters on return air duct in areas where renovations are ongoing inside the existing building.
- uuuu. Responsible for final clean of any mechanical spaces.
- vvvv. Responsible for any air, or specialty systems required at Columbus East required for dental chairs.

- wwwww. BC-10 Responsible for any and all smoke dampers, fire dampers, or combination dampers. BC-11 to provide power. BC-10 to provide low voltage, controls, programming, and other associated wiring.
- xxxxx. Responsible to provide and install any insulated mechanical plenums, louvers, wall sleeves, insulation, sheet metal and associated work for a complete system.
- yyyyy. Responsible to maintain all contractual warranties through and after project substantial completion.
- zzzzz. Responsible for labor, material, equipment, hoisting, safe access to work, and rigging to complete the roof patching from BC's scope of work.
- aaaaa. Responsible for demo and drying in of existing plumbing penetrations on roofs as shown in drawings.
- bbbbbb. BC-10 contractor to be responsible for demo and drying in of existing exhaust fans, and HVAC penetrations on roofs as shown in drawings.
- ccccc. HVAC contractor is responsible for all temporary and permanent roofing penetrations/flashings needed to complete scope of work. Penetrations to be sealed and result in a completely certified roof membrane system.
- dddddd. Provide and install all roof curbs, frames, misc. steel on existing and new roofs not shown on the (S) Drawings. If any additional flashing or roofing is required when installing new mechanical or plumbing equipment or penetrations, it is the responsibility of this Bid Category to dry the new units in on existing roofs.
- eeeeee. Responsible for any roof blocking or rough carpentry to complete work.
2. Include **Allowance of \$75,000** to be used as directed by the CMC for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.10 Bid Category #11 – Electrical/Technology

- R) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

01 45 10 Mockups
05 50 00 Metal Fabrications
06 10 53 Wood Blocking
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
08 31 13 Access Doors and Frames
26 05 29 Hangers and Supports for Electrical Systems
26 05 33 Raceways and Boxes for Electrical Systems
26 05 43 Underground Ducts and Raceways for Electrical Systems
26 05 44 Sleeves and Sleeve Seals for Electrical Raceways and Cabling
26 05 53 Identification for Electrical Systems
26 09 23 Lighting Control Devices
26 22 00 Low-Voltage Transformers
26 24 16 Panelboards

BARTHOLOMEW
CONSOLIDATED SCHOOL
CORPORATION PROJECT
BP#1 – LF SMITH &
COLUMBUS EAST
RENOVATIONS

SECTION 011200 -
MULTIPLE CONTRACT
SUMMARY

26 27 26 Wiring Devices
26 28 13 Fuses
26 28 16 Enclosed Switches and Circuit Breakers
26 29 13 Enclosed Controllers
26 51 00 Interior Lighting
26 56 00 Exterior Lighting
27 05 00 Common Work Results for Communications
27 05 26 Grounding and Bonding for Communications Systems
27 05 28 Pathways for Communications Systems
27 05 53 Identification for Communications Systems
27 11 00 Communications Equipment Room Fittings
27 11 16 Communications Cabinets, Racks, Frames and Enclosures
27 11 19 Communications Termination Blocks and Patch Panels
27 14 23 Communications Optical Fiber Riser Cabling
27 15 13 Communications Copper Horizontal Cabling
27 15 00.23 Audio Video Communications Horizontal Cabling
27 15 43 Communications Faceplates and Connectors
28 13 00 Electronic Access Control
28 23 00 Video Security
28 31 11 Digital, Addressable Fire-Alarm System
31 20 00 Earth Moving
32 11 23 Granular Base
33 05 00 Common Work Results for Utilities

- S) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:
- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
 - b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
 - c. Project is sales tax exempt.
 - d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
 - e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.

- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. Responsible for providing as-builts/record documents at 25%, 50%, 75%, and 100% completion.
- o. All labor, material, and equipment necessary to complete the Electrical and Technology/Telecom systems and equipment install. The items listed below are not a complete list of work to be performed. Contractor is responsible for a complete and operational Electrical and Technology/Telecom system. This includes all necessary work inside the existing buildings.
- p. Responsible for all material and work associated with “E”, “T” and “FA” drawings.
- q. Coordinate with BC-1 for masonry openings and BC-6 for drywall openings.
- r. Sawcut and patch floors and walls to match existing as required to complete scope of work.
- s. Responsible to furnish and install their respective access doors unless noted otherwise. All sleeves or access doors must meet or exceed the fire rating of the assembly they are penetrating and be consistent with the architectural finish or theming of the area in which they are installed. Responsible for providing and installing all access doors required to access work, regardless of if the access panel is indicated on the drawings.
- t. Responsible for patching & infilling any abandoned holes in floors, walls, ceilings left from abandoned electrical, technology, and controls with an assembly per the drawings.
- u. Responsible for blocking/backing for panels etc.
- v. Responsible for all occupancy sensors and manual controls required.
- w. Responsible for providing and installing power for all mechanical equipment. All other wiring for mechanical equipment by BC-9.
- x. Responsible for providing lighting control as indicated on drawings. Provide wire to existing lights.

- y. Responsible for all switches, conduit, wiring, devices, panels, transformers, controls, receptacles, panels, breakers, boxes, fuses, switchboards, cabinets, and panelboards to complete scope of work.
- z. Responsible for furnishing and installing a complete fire alarm system including connection to all fire dampers, tamper or flow switches, and other fire alarm devices per drawings and specifications.
- aa. Responsible for all emergency lighting as indicated on drawings.
- bb. Responsible for coordination with other trades when installing conduit and devices.
- cc. Responsible for furnishing and installing exit signs as indicated on drawings.
- dd. Responsible for all surface raceways and wiring as indicated on drawings.
- ee. Coordinate all shut-downs with CM/Owner 72 hours before occurrence.
- ff. Coordinate deliveries and storage of material with CM/Owner.
- gg. Responsible for protecting all existing owner facilities during construction. Any and all owner facilities damaged or disconnected by contractor operations shall be fully restored to previous operating and appearance condition by contractor.
- hh. Responsible for relocating intercom speakers and wireless clocks as indicated on drawings.
- ii. Field verify all conditions before bidding or starting work.
- jj. Provide UTP Cables as specified for new owner provided touch screen displays.
- kk. Responsible for all electrical, telecom demo.
- ll. Responsible for saw-cutting floor slabs and patch back as required for BC-11 scope of work.
- mm. Responsible for material and installation of equipment pads required for equipment in this Bid Category.
- nn. Responsible for removing ceiling tiles as needed to complete scope of work. Contractor is responsible for replacement of any ceiling tiles that get damaged in process.
- oo. Responsible for protecting finished surfaces. When working over top of finished casework or flooring the finished material must first be protected with RAM Board or a similar product. Joints must be taped and maintained.
- pp. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
- qq. Responsible for all conduit, raceways, wiring, and boxes. Pull CAT 5 and or 6 wiring for all conduits installed by this contractor that require communication wiring. Terminate and provide all data outlets. Coordinate with CM for data server and panel locations.
- rr. Responsible for all telecom and data conduits, wiring, and boxes.
- ss. Furnish and install a complete conduit raceway system including back boxes, junction boxes, mortar boxes, and equipment room gutters/cable trays required by owners contractor.
- tt. Responsible for any and all core drilling, cutting, and patching required for new floor electrical or technology boxes. Refer to S drawings for limitations and requirements for hole sizes.
- uu. Install all specialty back boxes including racks, cabinets, camera housings and speaker back boxes provided by the ESSS. Set all equipment racks in place and provide and install conduits from cable tray to equipment racks.

- vv. Provided race-way systems be installed to facilitate continuous cable runs, if cable runs cannot be installed without splice the electrical contractor shall modify conduit as needed.
- ww. Obtain all required permits and licenses and pay all required fees.
- xx. Responsible for all wood blocking required for categories scope of work.
- yy. Responsible for all utility trench excavation and backfill.
- zz. Responsible for all sleeves through concrete or masonry walls and foundations.
- aaa. This contractor will be responsible for firestopping all their penetrations as required.
- bbb. Include fire and smoke stopping where this work passes through rated assemblies.
- ccc. All hoisting or rigging required to complete this scope of work.
- ddd. Include all layout and installation of electrical system pipe hangers, sleeves, and housekeeping pads.
- eee. Site electrical distribution wiring. This includes all necessary trenching, excavation, backfill, removal of spoils and compaction as necessary to complete your work.
- fff. Provide all training, start up and commissioning as required for the work included in your specifications.
- ggg. Responsible for all technology scope shown on drawings.
- hhh. Responsible for exterior and interior lighting. Responsible for installation of all light pole bases, concrete, rebar, anchor bolts, light poles, and security conduit, cables, and devices. Responsible for all site light poles and associated excavation, haul off, and disposal.
- iii. Responsible for flag light base, concrete, rebar, anchor bolts, excavation, and light fixture.
- jjj. Include coordination and ordering of required utility equipment. Owner to pay for tap fees.
- kkk. Responsible for completely removing all stickers and tape from materials installed under this Bid Category.
- lll. Provide power to equipment supplied by other bid categories.
- mmm. Responsible for supplying and maintaining security enclosures or lockups as required to protect material and equipment onsite.
- nnn. Maintenance of the temporary power as required for construction, and removal of the temporary power at the completion of the project.
- ooo. Temporary Lighting to a minimum of 10-foot candles inside the building and including temporary site lighting.
- ppp. Responsible for hauling off spoils from BC's scope of work.
- qqq. Responsible for occupancy sensors, receptacles, switches, and associated wiring.
- rrr. Responsible for disconnecting HVAC equipment as needed.
- sss. Responsible for connecting new HVAC equipment.
- ttt. Responsible for electrical service/items shown on civil "C" drawings.
- uuu. BC-10 Responsible for any and all smoke dampers, fire dampers, or combination dampers. BC-11 to provide power. BC-10 to provide low voltage, controls, programming, and other associated wiring.
- vvv. Responsible to provide and install any duct smoke detectors, FA wiring, low voltage wiring, and controls required for an operable Fire Alarm system.
- www. Responsible for all door controls power, low voltage, door contacts, relays, DPS switches, card readers, controls, devices, and programming required for a complete

and operable system. BC-1 & BC 8 to provide and install door hardware if required.
BC-11 Responsible for power packs as required.

- xxx. Responsible to maintain all contractual warranties through and after project substantial completion.
2. Include **Allowance** of **\$75,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 3. Include **Allowance** of **\$20,000** to be used for technology/card readers added by owner.
 4. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.11 Bid Category #12 – Painting and Coatings

T) The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below:

01 45 10 Mockups
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealant
09 91 23 Interior Painting
09 96 00 High-Performance Coatings
09 97 37 Green Screen Coating

U) Work in this Bid Category includes, but is not limited to the items indicated in the specification sections above and the items listed below:

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.

- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for any housekeeping pads, labor and material, required for scope of work. At minimum provide a 3 ½” tall pad, broom finished, and tooled edges. Provide reinforcement or additional concrete as drawings show or manufacturer recommends, whichever is greater.
- k. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- l. Responsible for making sure new equipment can fit through existing openings. Any opening not called out on the drawings, or existing, are to be the responsibility of the contractor. If a new opening is made, it shall be infilled or replaced with an equal or greater assembly.
- m. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- n. All labor, material, and equipment necessary to complete the painting and coatings scope of work. The items listed below are not a complete list of work to be performed. Contractor is responsible for a complete painted product. This includes all necessary work inside the existing buildings.
- o. Responsible for painting exposed ceilings as indicated on drawings.
- p. Responsible for painting and prep of all existing and new walls as indicated on drawings.
- q. Responsible for painting all hollow metal doors and frames as indicated on drawings. For existing frames that are to remain, responsible for prepping frames for new door and finish. Responsible for painting/finishing those frames and doors as indicated in drawings and specifications. All grinding to be done with HEPA Vacuums.
- r. Responsible for analyzing the environmental report for lead paint and use proper procedures when prepping.
- s. Responsible for completely removing all stickers and tape from materials installed under this Bid Category.
- t. Responsible for all interior and exterior painting, staining, sealing, varnishing, block filler, painting for exposed piping, exposed coverings, exposed conduit, exposed ductwork, exposed ceiling and wall construction, factory primed metal surfaces of mechanical and electrical equipment, cabinets, trim, exposed panels, exposed boxes, exposed support hangers, handrails, stair stringers and risers, etc. Reference the mechanical and electrical specs.
- u. Responsible for removing paint overspray or splatters from adjacent surfaces.
- v. Painter required to include labor and material to touch up throughout the building once after Substantial Completion and twice after Final Completion.
- w. Responsible for painting of exposed mechanical and electrical work.

- x. Responsible for supplying and maintaining security enclosures or lockups as required to protect material and equipment onsite.
 - y. To include painting exposed structures, conduit, piping, ductwork, etc. that is visible to eye as indicated on drawings.
 - z. All Bid Category Contractors are responsible for completely covering and protecting exposed concrete slabs, and concrete walls to prevent weather stains, rust stains, and other construction material stains on the finished surfaces when conducting work in surrounding area.
 - aa. Responsible for protecting finished surfaces. When working over top of finished casework or flooring the finished material must first be protected with RAM Board or a similar product. Joints must be taped and maintained.
 - bb. Responsible for all temporary connections required to complete scope of work in accordance with phasing schedules.
 - cc. Responsible for removing ceiling tiles as needed to complete scope of work. Contractor is responsible for replacement of any ceiling tiles that get damaged in process.
 - dd. All Bid Packages are responsible for protecting floors, walls, and other finishes during completion. Any damage caused by this Bid Category will be fixed at this Bid Category's expense.
 - ee. Responsible for painting exposed power or technology conduit, or exposed work as indicated on the drawings and specifications. BC-12 to check painting requirements in each pertinent MEP specification.
 - ff. Responsible for primer required at surface for paint to adhere. Any prep required for primer & paint to be installed per manufacturer is to be included.
 - gg. Contractor shall perform adhesion test on all substrates prior to work to ensure proper bonding.
- 2. Include **Allowance** of **\$7,500** to be used as directed by the CMC for miscellaneous materials, equipment, labor, and/or scope changes.
 - 3. Please note that you must completely fill out and sign Section 004323-Alternates Form.

1.12 Bid Category #13 – Roofing

- A. The Scope of Work in this Contract includes all labor, material, equipment, services, and supervision necessary to complete all work specified herein, but not limited to, in accordance with the Contract Documents, and as described below.

01 45 10 Mockups
02 41 19 Selective Demolition
06 10 53 Miscellaneous Rough Carpentry
07 21 00 Thermal Insulation
07 54 19 Polyvinyl-Chloride (PVC) Roofing
07 62 00 Sheet Metal Flashing and Trim
07 71 00 Roof Specialties
07 71 29 Manufactured Roof Expansion Joints
07 92 00 Joint Sealants
07 95 00 Expansion Control

- a. All Bid Packages are responsible for the information in Division 0 and Division 1 specifications.
- b. All BC Contractors responsible for own safety. Each Tier-1 Prime Contractor must schedule a qualified individual with at least a 30-hour OSHA certification to conduct weekly site safety inspections. The findings of the inspection must be sent to the CM in an email stating 1) any issues that were found and 2) when and how the issues will be resolved and avoided in the future. All safety violations must be remedied within 1 hour of written notice or the CM will remedy the violation on behalf of the pertinent contractor, at the expense of the contractor.
- c. Project is sales tax exempt.
- d. BC-1 Responsible for providing five (5) trash carts on casters (in working condition) for the duration of construction as determined by the CM. These receptacles are for general construction by all bid categories for trash and may be used and emptied by the respective contractor when using them. Trash receptacles are to have a minimum capacity of half-yard, able to be wheeled around, fit through a standard door, and be in usable condition. In the event a trash cart does not satisfy these requirements, it is to be replaced as determined by the CM.
- e. BC- 1 Responsible to provide five 24”-36” fine bristle brooms, and five 24”-36” dust pans to be used by all bid category contractors.
- f. Responsible for removing all stickers, film, and protective coatings on materials installed.
- g. Responsible for all labor, materials, hoisting, and rigging required to perform this scope of work.
- h. Responsible for protecting finished surfaces associated within this B.C.
- i. Responsible for all layout, saw cutting, and coring required for new work
- j. Responsible for protecting new or existing roof membrane with a minimum of ¾” plywood, which provides a minimum of a 4 foot wide walkway from roof edge to area of work if working over new or existing roof membrane. Any damage to roof membrane will be the responsibility of the contractor who did the damage to pay for and any associated work to maintain the roof warranty.
- k. Responsible for all temporary connections required to complete scope of work and to meet phasing plans.
- l. Responsible for demolition of existing roof membrane, insulation, flashing, gutters, downspouts. Must keep building watertight at all times during construction activities. No area to be left not watertight over night.
- m. Responsible to demo any existing roof assembly down to deck at existing buildings for new rough carpentry work as shown on drawings. BC-1 responsible to install wood blocking for roof work as shown on drawings. BC-12 responsible to provide and install any wood blocking required by manufacturer not shown on drawings.
- n. Responsible for any and all dumpsters required for scope of work to haul off and dispose of trash.
- o. Responsible for new flashing, new through wall flashing where roofing terminates into masonry walls, insulation, roof membrane, fasteners, coverboard, and accessories.

- p. Responsible for new gutters, downspouts, downspout boots, scuppers, coping, soffit, and trim.
 - q. Responsible to flash and seal all roof and MEPF penetrations is the requirement of this bid category.
 - r. Responsible for following all OSHA requirements and regulations governing working at heights or off equipment. Responsible for flagging around leading edges for the duration of work.
 - s. Responsible for any roof curbing that is not prefabricated. Coordinate with all other trades requiring roof penetrations.
 - t. Responsible for connecting all downspouts or roof drains to subgrade drainage.
 - u. Include required roof inspections and qualifications per specification. This includes inspections during and at completion of roofing installation.
 - v. Responsible to install roof blocking for your work not shown on drawings.
 - w. Responsible for leaving the roof clean and free from debris from work at completion.
 - x. Responsible to demo any roof curbs, blocking, miscellaneous steel, pitch pockets, or items that are abandoned in the roof assembly that prevent the new assembly from being installed per the drawings.
 - y. Responsible for all Operations and Maintenance information required by specification.
 - z. Responsible for any and all roof expansion joints as shown or specified. This happens as drawn, and where new additions meet existing buildings. Responsible for aluminum roof expansion joints.
 - aa. BC-12 responsible for expansion joint where roof meetings exterior wall cladding.
 - bb. Responsible to provide and install any and all counterflashing required for the roof system.
2. This Bid Category is responsible for all the work as identified in the Drawings and Specs.
 3. Include **Allowance** of **\$10,000** to be used as directed by the CMc for miscellaneous materials, equipment, labor, and/or scope changes.
 4. Please note that you must completely fill out and sign Section 004323-Alternates Form.