

**SECTION 00 90 04  
BIDDING AND CONTRACT REQUIREMENTS  
ADDENDUM NUMBER 4**

**Demonica Kemper Architects  
125 N. Halsted Street, Suite 301  
Chicago, IL 60661  
312.496.0000**

To: Prospective Bidders

Issued: June 4, 2025

**Re:     ADDENDUM NUMBER (4) TO THE BIDDING DOCUMENTS FOR**

**McHenry County College  
Engagement Hall**  
Architect's Project Number: 24-027

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated May 16, 2025. Acknowledge receipt of this addendum in the space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

**ADDENDA TO THE PROJECT MANUAL**

1. 00 32 00 – Scope Sheet

**ADDENDA TO THE DRAWINGS**

None

**CLARIFICATIONS**

None

**This addendum consists of 1 pages, excluding attachments.**

**END 00 90 04.**

**Attachments:**

1. 003200

# 00 32 00 - Scope of Work

## McHenry County College Engagement Hall

06/03/2025

Pepper Construction Company

This Section Contains:

- A. Scope of Work – All Bid Packages
  - i. All bids for all Bid Packages must be inclusive of all requirements outlined in the All Scope of Work
  
- B. Scope of Work – Trade Specific Bid Packages
  - i. All bids must be inclusive of all requirements outlined in the trade specific Bid Packages outlined below:
    - 1. Demolition
    - 2. Excavation and Site Utilities
    - 3. Landscaping and Irrigation
    - 4. Concrete
    - 5. Masonry
    - 6. Steel
    - 7. General Carpentry
    - 8. Roofing and ACM
    - 9. Storefronts and Glazing
    - 10. Ceilings
    - 11. Flooring
    - 12. Paint
    - 13. Fire Protection
    - 14. Plumbing
    - 15. HVAC
    - 16. Electrical and Low Voltage

# ALL SCOPE OF WORK

For

## ALL BID PACKAGES

All bids for all Bid Packages must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work below:

### Specifications

All Division 00 .....Procurement and Contracting Requirements

All Division 01 .....General Requirements

Bid Group	Bid Package	Scope Item	Description	
1	ALL	0.01	Each Trade Contractor shall submit one fully executed copy of AIA Document A305 "Contractor's Qualification Statement" prior to the bid due date as identified in the Notice to Bidders. Faxed submittals are acceptable. A305 document copies may be obtained from the Chicago AIA office located at 222 Merchandise Mart Plaza, Suite 1049, Chicago, IL 60654. Each Trade Contractor shall also be prequalified with Pepper Construction Company. Please visit <a href="http://www.pepperconstruction.com/about">www.pepperconstruction.com/about</a> --> Financials Look for the "Sub Prequalification form" link to complete online which is on the left hand side about half way down the page under financial strength. Below the link you can find prequal informational PDF's for each specific office (informational packet attached). All submissions are confidential. <b>NEW SUBS MUST UPLOAD A W9 TO COMPLETE THE APPLICATION.</b> <b>If you are an existing sub a password will need to be reset for you to access the system.</b> <b>Please email the request including your Tax ID number to <a href="mailto:prequal@pepperconstruction.com">prequal@pepperconstruction.com</a>. A computer generated email/password will be sent.</b>	
1	ALL	0.02	Each Trade Contractor shall coordinate all on-site activities including but not limited to site access, site parking, deliveries, etc. with Pepper Construction Company on-site supervision.	
1	ALL	0.03	Each Trade Contractor shall exclude any costs of required dumpsters in their bid for non-demolition related work. Dumpsters will be procured and managed by the Construction Manager. <b>Each TRADE CONTRACTOR shall be responsible to provide their own dumpsters for any demolition/removal work include within their trade specific scopes of work. Each TRADE CONTRACTOR is responsible to haul off all boxes and packaging from delivered material.</b>	
1	ALL	0.04	ALL TRADE CONTRACTORS shall be responsible for keeping scrap, debris, cleared from the construction site on a continuing basis. <b>TRADE CONTRACTORS will be required to list their respective dollar value for clean up on the Schedule of Values Form G703.</b> Each TRADE CONTRACTOR providing work during any week period will be required to furnish one person DAILY, for the needed time to clean the building as directed by the Construction Manager. If this clean up is not completed to the satisfaction of the Construction Manager, the Construction Manager will contract clean up to be done, and the TRADE CONTRACTOR will be back-charged accordingly.	
1	ALL	0.05	All Trade Contractors shall be responsible for safety for this portion of the work. Provide all necessary scaffolding, handrails, ladders, equipment, etc. necessary to perform the described work. Comply with all O.S.H.A., local, state, or federal safety authorities having jurisdiction. All contractors have read and understand Pepper Construction's Job Site Safety Handbook included within the CM/Prime Trade Agreement draft included in the project manual. Refer to section 005050 in the project manual.	
1	ALL	0.06	Each Trade Contractor shall exclude tax payment of Retailers' Occupation Tax, the Service Occupation Tax (both state and local), the Use Tax and the Service Use Tax, as required by IL Law. The Tax exemption identification number issued to the McHenry	

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			County College is E99950332	
1	ALL	0.07	Control line monuments will be by OTHER. All Trade Contractors shall protect and maintain all survey work by others. All Trade Contractors shall be responsible for <b>ALL</b> layout related to this Trade Contractor's work and shall coordinate this layout work with the layout of adjacent work by others.	
1	ALL	0.08	Each Trade Contractor shall conduct all contract related activities within the guidelines for phasing and scheduling established on this project. It is the responsibility of each Trade Contractor to review and accept, as part of contract, the regular and ongoing schedule updates on this project. All work is per the project Schedule dated <b>April 22, 2025</b> . This schedule may be updated by future adjustments that will become part of ALL contractors' agreement. If a date on this schedule is not met, all cost associated with making this lost time up will be back charge to the responsible trade contractor. Each Trade Contractor shall complete a schedule for their work that coincides with the overall project schedule within two weeks after notice of award to proceed. Construction Manager's supervision is required for all work performed on-site. Contractor shall cover any additional supervision costs resulting from failure to meet the contract schedule. If contractor elects to perform work, is required to perform work to meet schedule, or indirectly forces another trade to perform work on an overtime basis, contractor shall assume costs for extra Pepper Construction supervision.	
1	ALL	0.09	The industry rule of thumb term "Use is Acceptance" will be enforced. a) When work is performed, it will be assumed this Trade Contractor has inspected and accepted the quality and coordination of the work of other trade contractors that this Trade Contractor is working on or against. b) Start of work by this Trade Contractor on top of or against any other surface means this Trade Contractor has accepted the quality and completeness of that surface. c) This Trade Contractor is responsible for preparing (i.e. cleaning) adjacent surfaces including but not limited to those surfaces completed by others prior to proceeding.	
1	ALL	0.10	ALL TRADE CONTRACTORS furnishing material for delivery and installation at any time on this project shall be responsible for the purchase and storage of that material at no additional cost to the Owner. Payment for stored material will be according to Specification.	
1	ALL	0.11	ALL TRADE CONTRACTORS shall promptly notify the Construction Manager of any damage caused to their work by another TRADE CONTRACTOR and shall be responsible to remedy their claim with the party causing the damage. Should the responsible party, within 24 hours notice, fail to remedy all damages or loss, the Construction Manager shall have the right to remedy the situation and the cost thereof will be back charged to the TRADE CONTRACTOR responsible for the damage or loss.	
1	ALL	0.12	If the work of this Trade Contractor is determined by Construction Manager to be deficient in any way this Trade Contractor understands and accepts that in-progress and/or completed work will be redone at the full expense of this Trade Contractor on a time line as established by Construction Manager.	
1	ALL	0.13	Warranty will be executed upon substantial completion of the entire project. Based on the sequencing of work this Trade Contractor understands that portions of the work may be completed well in advance of this substantial completion date. All TRADE CONTRACTORS shall provide at a minimum, 1 year labor and materials warranty from substantial completion for the project. Please review the specifications to verify if longer labor and material warranties are required. The specifications shall supersede the 2 year warranty period referenced above if specifically noted within the specifications.	
1	ALL	0.14	All TRADE CONTRACTORS are required to schedule and conduct a preliminary punch list walk through with the Construction Manager. TRADE CONTRACTORS will have an allotted time frame to complete deficiencies. TRADE CONTRACTOR is also required to conduct a final walk through with the Construction Manager and Owner and correct and complete those deficiencies within 2 weeks of final punch list. If the TRADE CONTRACTOR fails to complete punch list within allotted time frame, the Construction Manager reserves the right to hire a separate trade contractor to make the corrections to complete those punch list items not addressed and back charge the TRADE CONTRACTOR at the cost of the work.	
1	ALL	0.15	It is the responsibility of each TRADE CONTRACTOR to assure that his respective area of construction is watertight and protected from the elements, as necessary and as a result of	

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DIVISION 00 – Bidding and Procurement Requirements

SECTION 00 32 00– Scope Document

			his work, throughout the construction period.	
1	ALL	0.16	All drawings, specification sections, and scopes of work should be referenced for the extent of the work under all accounts.	
1	ALL	0.17	Although Specifications are allocated to the respective “Scopes of Work”, it is the intention of the Construction Manager that each TRADE CONTRACTOR read all Specification Sections, and that the Scopes of Work shall take precedence over any allocation of work made by the Architect/Engineer.	
1	ALL	0.18	All TRADE CONTRACTORS shall be responsible for repair of ruts and removal of trapped water on a continuous basis caused by the use of their motorized equipment.	
1	ALL	0.19	All TRADE CONTRACTORS shall be responsible for damage caused by the use of their motorized lifts, rolling scaffold or other elevated type equipment used on the project.	
1	ALL	0.20	All TRADE CONTRACTORS shall be responsible for cleaning mud and stone off of the tires and tracks of their vehicles and construction equipment prior to entering public roadways off of the project site. This shall be done daily by each TRADE CONTRACTOR as necessary	
1	ALL	0.21	A detailed submittal log referencing all required submittals, specification numbers, specification sections, and anticipated submission dates MUST be submitted to the Construction Manager’s office within 5 business days after the date of bid opening. All submittals required for that TRADE CONTRACTOR must be submitted on or before the agreed upon anticipated submission date. <b>Sample O&amp;M manuals and sample Manufacturer’s warranties shall also be listed on the submittal log and submitted for review prior to substantial completion.</b>	
1	ALL	0.22	It is hereby acknowledged that this TRADE CONTRACTOR will provide the following primary and non-contributory insurance coverage as noted in the project manual: Please see the Prime Trade Contract sample within the project manual for insurance requirements. This TRADE CONTRACTOR has read section 10 of the Prime Trade Agreement and Exhibit C Prime Trade Contractor Insurance Requirements included within the bidding documents and understands all requirements including but not limited to insurance limits, which trades are defined as “Major Trades” and the associated insurance requirements, which endorsements will only be accepted, who is required to provide pollution insurance, etc. The required insurances must be maintained for a period of two years after project final completion.  Additional Insured’s shall be the McHenry County College, their respective Board members, employees, elected officials, officers or representatives, Pepper Construction Company (Construction Manager), and <b>Demonica Kemper Architects</b> (Architect).	
1	ALL	0.23	Provide sufficient equipment, material, skilled manpower, supervision and/or <b>premium time/shift work</b> (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project substantial completion date and as referenced in the current construction schedule. <b>NOTE: Each TRADE CONTRACTOR is responsible to provide detailed man power schedule of all contractual activates that correlate with the overall Construction Schedule per school and per area within 10 business days after the date of the bid opening. Durations, man hours, and associated cost value represented on G703 shall also be provided for each activity.</b> <b>NOTE: This TRADE CONTRACTOR shall be responsible to pay for Pepper Site supervision for any hours required to be worked outside of 7:00 AM to 3:30 PM on Monday thru Friday.</b>	
1	ALL	0.24	TRADE CONTRACTOR shall be prepared to meet within one week of bid due date to conduct scope reviews, provide submittal log and discuss award of contract.	
1	ALL	0.25	Contact JULIE 72 hours minimum prior to any excavation work. Record and document all contact with JULIE including but not limited to Dig Number; present JULIE dig number and all other JULIE related documentation to the Construction Manager 24-hours minimum prior to any excavation. All JULIE documentation shall be included as part of the close out documentation. <b>NOTE: This TRADE CONTRACTOR shall be responsible for all costs associated with any private locates required by this TRADE CONTRACTOR. Any damage of exusting utilities, etc. shall be this TRADE CONTRACTOR'S cost to repair.</b>	
1	ALL	0.26	Contractors to provide all necessary signage to alert traffic or other of the work being performed and to provide all related traffic control items as shown on the drawings and/or	

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SECTION 00 32 00– Scope Document

			contract documents or required by state or local codes. Contractors shall provide a flagger for construction vehicles during school hours. <b>Any TRADE CONTRACTOR not adhering to the traffic control requirements will result in the Construction Manager bringing a flagger onsite at the cost of the TRADE CONTRACTOR(S).</b>	
1	ALL	0.27	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	ALL	0.28	The construction site hours are from <b>7:00 AM to 3:30 PM</b> . Contractors requiring off hours access shall acquire written permission in advance from the CONSTRUCTION MANAGER. Construction traffic in to and out of site is limited due to college traffic. No construction traffic will be allowed from <b>7:30 am to 8:30 am and 3:30 pm to 4:30 pm</b> during day. The site construction hours and traffic times are subject to change by the college and will be confirmed prior to the start of work.	
1	ALL	0.29	All TRADE CONTRACTORS shall be responsible for all temporary power needed by this TRADE CONTRACTOR.	
1	ALL	0.30	All TRADE CONTRACTORS shall be responsible for the coordination of all work with all other contractors through the Pepper superintendent to achieve final results. The bidding documents are deigned around “basis of design” manufacturers. Each TRADE CONTRACTOR is responsible to request submittals of equipment, etc. being provide by OTHER contractors that impact the work of the contractor prior to installation, wiring, etc. to verify different requirements. All submittals can be reviewed through Autodesk. Any costs associated rework will be the responsibility of the contractor installing, wiring, etc. Trade Contractors providing material, equipment, etc. from approved manufacturer, but not the basis of design manufacturers are responsible for all costs associated with additional work created but not using the “basis of Design” manufacturers.	
1	ALL	0.31	All Trade Contractors are required to send a project manager company representative to attend weekly Trade Contractors coordination and safety meetings held by the Construction Manager. Date and location to be determined.	
1	ALL	0.32	ALL Trade Contractors are required to submit a site specific safety plan and MSDS for review by Construction Manager at least 1 month prior to mobilization. No contractors will be permitted onsite without an approved Site Specific Safety Plan. Each trade foreman and all workforce MUST review the site specific safety plan onsite with the Construction Manager prior to starting work. Each tradesman MUST attend a one-hour site orientation with the Construction Manager onsite prior to beginning work unless they have already done so on a previous project with Pepper Construction and have the current safety sticker to verify completion. ALL TRADE CONTRACTORS are required to attend a site specific safety meeting and site specific quality/preinstallation meeting and provide plans for both.	
1	ALL	0.33	All Trade Contractors are required to provide all submittals electronically. Hard Copies of all samples and color selection charts shall be delivered directly to Pepper’s Barrington office. All TRADE CONTRACTORS shall supply (1) set of approved construction shop drawings on-site for use by Pepper Construction and field labor MUST work from these drawings. <b>NOTE: Submittals MUST be provided referencing the associated specification number. Each individual submittal required per the specifications MUST be submitted as individual PDFs and not a combined file of all required. Submittals not meeting these requirements will not be reviewed and will be returned. Delays caused by not submitting correctly are the responsibility of the TRADE CONTRACTOR.</b>	
1	ALL	0.34	Submit Close out Documentation on material furnished, owner’s manuals, and product information including maintenance and care and all items listed in the specifications. All information must be submitted as a PDF document either via email or on a disc. Submittals required for approval at the start of the Project will NOT be acceptable as close out documentation. All Close Out documentation must be “New as provided and installed” documentation. Submit Record Drawings in PDF and AutoCAD. Drawings must be stamped “Record Drawings”, signed, and dated. In-progress as-built drawings MUST be maintained onsite- during construction. Executed Warranty & Guarantee letters will be submitted with the required documentation as PDF files. Warranty must commence from Project Substantial Completion date, and not when the TRADE CONTRACTOR’s work is complete or when equipment is started up. All warranties must be 1 year, or as specified in the specifications (whichever is greater) from substantial completion on workmanship and materials.	

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SECTION 00 32 00– Scope Document

			<p>ACM letters will be submitted with the required documentation as a PDF file.</p> <p>All training manuals must be submitted and training sessions scheduled, per owner's direction, before substantial completion. O&amp;M manuals should be treated as the training meeting agendas. TRADE CONTRACTOR shall submit a sign in sheet of attendees present during the meeting. The TRADE CONTRACTOR is responsible to <u>video tape</u> all training sessions and submit video files with closeout.</p> <p>All attic stock required in the specifications must be delivered, inventoried with Pepper's superintendent, and placed in a secure location within the building as directed by the Owner. Attic stock not signed off by Pepper Construction will not be considered received. All keys MUST be submitted to Pepper Construction as a formal submittal. Keys left onsite or not transmitted to Pepper will not be considered received.</p> <p>If required per the specifications, maintenance agreements must be accompanied with the closeout documents.</p> <p>Closeout information and attic stock MUST be provided within two weeks of the substantial completion date. <b>Sample O&amp;M manuals and Manufacturer's warranties MUST be submitted for review prior during the submittal process and not just submitted with closeout.</b></p>	
1	ALL	0.35	<p>ALL TRADE CONTRACTORS shall be responsible for all work required by them for installation of their products but not shown on the bid documents. All costs associated with this work shall be the responsibility of the contractor requiring the work. This TRADE CONTRACTOR shall include in this bid all cost for work that is reasonably inferred from the drawings, specifications, and trade specific scopes of work.</p>	
1	ALL	0.36	<p>All TRADE CONTRACTORS shall be responsible for all testing, preinstallation meetings, and quality control listed in the specifications.</p>	
1	ALL	0.37	<p><b>All TRADE CONTRACTORS are responsible for all requirements listed in the A201 General Conditions of the Contract for Construction, and the Prime Trade Contract for Public Work. All TRADE CONTRACTORS will agree to sign the Prime Trade Agreement as provided in Section 005000 in the specifications with no modification.</b></p>	
1	ALL	0.38	<p>All TRADE CONTRACTORS shall be responsible for all information included in the specifications. There are no exclusions allowed and any substitutions must be pre-approved by the architect of record.</p>	
1	ALL	0.39	<p>ALL TRADE CONTRACTORS are responsible for meeting the current Illinois Department of Labor Prevailing Rates and Hourly Wages for McHenry County. ALL TRADE CONTRACTORS are responsible for keeping all certified payroll documents for a minimum of 3 years or as dictated by the Illinois statute, whichever is longer.</p>	
1	ALL	0.40	<p>All TRADE CONTRACTORS MUST provide Performance and Payment bonds to Construction Manager within 10 days of the contract award. Refer to specifications for bond requirements.</p>	
1	ALL	0.41	<p>All TRADE CONTRACTORS are responsible to fill out daily activity reports which include all work completed and man power onsite.</p>	
1	ALL	0.42	<p>All TRADE CONTRACTORS that require the use of a crane shall have onsite coordination meeting with Construction Manager 48 hours prior to crane showing up onsite. Due to location and limited construction site, larger than anticipated crane's may be needed for specific lifts and shall be at the expense of this TRADE CONTRACTOR.</p>	
1	ALL	0.43	<p>For work that is required in the existing buildings/areas that are still occupied, considerations for overtime must be included in this bid to perform the work off-hours. If the work corresponds with planned non-attendance days, then the work may be coordinated with the school and the Construction Manager. Refer to school schedule, construction schedule, and scopes of work for this possibility.</p>	
1	ALL	0.44	<p>Indoor air quality requirements must be met and monitored (i.e. no gas-powered vehicles).</p>	
1	ALL	0.45	<p>All TRADE CONTRACTORS are encouraged to visit the site prior to submitting bid to verify existing conditions which will affect his work.</p>	
1	ALL	0.46	<p>All TRADE CONTRACTORS are to provide a fire watch and incorporate the use of fire blankets during cutting operations and be responsible for any damage due to falling spark and also provide smoke eaters in area during work operations.</p>	
1	ALL	0.47	<p>Proper procedures (Critical Dig Procedures) for underground work must be followed. This includes a meeting to develop a Critical Dig Plan and location and protection of all existing utilities prior to start of work. Private locates are the responsibility of the contractor performing the work. Any repairs related to damage caused to any</p>	

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DIVISION 00 – Bidding and Procurement Requirements

SECTION 00 32 00– Scope Document

			underground materials are the responsibility of the contractor performing the underground work. All GPUP requirements to be followed by any trades putting a shovel or equipment in the ground.	
1	ALL	0.48	All TRADE CONTRACTORS will be required to complete trade item checklists as a part of the Construction Manager's Job Specific Quality Plan throughout construction.	
1	ALL	0.49	Proper procedures for slab removal must be followed. This includes slab x-ray, scoring of existing slab, and jack hammering for complete removal. Repairs related to damage caused to any underground materials are the responsibility of the contractor performing the slab removal.	
1	ALL	0.50	All TRADE CONTRACTORS are responsible to check with local authorities for street load limitations and obtain any permits required to complete the work as planned in the bid documents.	
1	All	0.51	Prior to starting work, each Trade Contractor needs to provide a letter confirm that each individual has passed drug screening within the six (6) months prior to the start of work is also required. Testing by the hall is acceptable if that individual is specifically tested. If hall has random testing, but that individual has not been tested within that 6 month time period, then the trade contractor will be responsible to have them tested prior to beginning of any work at the trade contractor's expense. It is advisable to have your personnel tested well prior to work to avoid any delay. Any falsification of drug screening testing documentation would result in trade contractor being liable for any issues that arise.	
1	All	0.51	All TRADE CONTRACTORS are responsible for the Code Plan on sheet AC1.01	
1	All	0.52	<b>If there is a discrepancy between the drawings and the specs, you must include the more expensive option</b>	
1	All	0.53	<b>All TRADE CONTRACTORS will be responsible to attend an 8 hour skin meeting in Pepper's Barrington office with Pepper's Quality Department. The foreman for the project is required attend and all submittals must be submitted prior so they are review by dka already.</b>	

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**SCOPE OF WORK**

For

**BID PACKAGE 1****Demolition**

All bids for the Demolition Bid Package 1 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

All Division 2 .....Existing Conditions

Bid Group	Bid Package	Scope Item	Description	
1	Demolition	1.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Demolition	1.02	This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.	
1	Demolition	1.03	This TRADE CONTRACTOR shall be responsible for taking appropriate measures to protect existing conditions including but not necessary limited to perimeter landscaping, fencing, curbs, gutters, parking lot surfaces, drives and walks, buildings, etc. not required to be removed in the contract documents.	
1	Demolition	1.04	This TRADE CONTRACTOR shall include all costs and work required to acquire the necessary permits required for demo.	
1	Demolition	1.05	This TRADE CONTRACTOR shall be responsible for all layout work, measuring and field dimensioning associated with this Trade Contractor's work.	
1	Demolition	1.06	This TRADE CONTRACTOR shall be responsible for applications, inspection coordination, scheduling, testing and all things required for satisfying the requirements of local code enforcement inspection services. This TRADE CONTRACTOR to submit verification of conversations, inspections, and/or approvals to Construction Manager within 72 hours of said occurrence.	
1	Demolition	1.07	This TRADE CONTRACTOR shall furnish all required dumpsters for the demolished materials and shall haul off in a timely manner. Dumpster locations are to be determined by Construction Manager. This TRADE CONTRACTOR shall be responsible for any associated hauling and disposal fees. This TRADE CONTRACTOR shall make efforts to recycle demolished materials.	
1	Demolition	1.08	This TRADE CONTRACTOR shall be responsible for all work associated with providing Pepper Construction a site specific safety plan fully addressing issues including but not limited to occupants of existing building, equipment to be used, dust and noise control, etc. based on active school being in session. This TRADE CONTRACTOR shall comply with all OSHA, local, state, and federal safety codes applicable to the demolition work.	
1	Demolition	1.09	This TRADE CONTRACTOR shall be responsible for all building demo shown on sheet C-03. Site demo on this sheet C-03 is by OTHER.	
1	Demolition	1.10	MEP-FP trades will cut/cap, make safe and drop to the ground. This TRADE CONTRACTOR will remove and haul off all of this and properly dispose of off site.	

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MCHENRY COUNTY COLLEGE  
Engagement Hall  
DKA Project No.: 24-027

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DIVISION 00 – Bidding and Procurement Requirements

SECTION 00 32 00– Scope Document

			NOTE: For MEP-FP related work, those TRADE CONTRACTORS shall be responsible to spray paint/mark everything that is required to be removed <b>GREEN</b> and everything that is to remain <b>RED</b> . All fire alarm, low voltage, electrical cable/wire MUST be disconnected from the panel, etc and pulled back and coiled above the room the item of removal resided in and coiled above ceiling.	
1	Demolition	1.11	Anything scheduled to be removed and salvaged or reinstalled is by OTHER.	
1	Demolition	1.12	Any required shoring or bracing due to building demolition is by this TRADE CONTRACTOR. All shoring or bracing MUST be engineered by a professional.	
1	Demolition	1.13	<p><b>This TRADE CONTRACTOR shall be responsible for all work, including haul off from the jobsite, associated with all items in the Demo Symbols Legend, Demo General Notes, and Demo Referenced Notes on sheet AD1.01 and AD2.01. This TRADE CONTRACTOR MUST review all Mechanical, Plumbing, Fire Protection, and Electrical drawings provided and has visited the site.</b></p> <p><b>At demo areas at existing to remain locations, all mastic, glue, etc must also be removed.</b></p> <p><b>Note: all wall and flooring patching, note F5, C5, C6, C7 and W1, and salvaged Doors, frames, hardware and projectors are by OTHER.</b></p> <p><b>This TRADE CONTRACTOR shall be responsible for demolition and haul off of material as shown on sheet SD1.00 and SD1.01.</b></p> <p><b>NOTE: Foundations and piers calling to be cut 1', can be just that, no saw cutting required.</b></p>	

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MCHENRY COUNTY COLLEGE  
Engagement Hall  
DKA Project No.: 24-027

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**SCOPE OF WORK**

For

**BID PACKAGE 2****Excavation and Site Utilities**

All bids for the Excavation and Site Utilities Bid Package 2 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

Division 2 .....Existing Conditions

Division 31 .....Earthwork

Division 33 .....Utilities

Bid Group	Bid Package	Scope Item	Description	
1	Excavation and Site Utilities	2.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Excavation and Site Utilities	2.02	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Excavation and Site Utilities	2.03	This TRADE CONTRACTOR shall be responsible for taking appropriate measures to protect existing conditions including but not necessarily limited to perimeter landscaping, curbs, gutters, drives and walks, buildings, light poles, hydrants, etc. from damage that may be caused by this work.	
1	Excavation and Site Utilities	2.04	This TRADE CONTRACTOR shall be responsible for all mass grading, earth moving, excavation, rough grading, fine grading of sub-grade ( to +/- 0.1 foot), re-spread, hauling, importing, final grade, backfill, and compaction, etc. under sidewalks, curbs, gutters, asphalt, pads, and detention ponds as shown on the drawings and specifications, to achieve the final working subgrade.	
1	Excavation and Site Utilities	2.05	This TRADE CONTRACTOR shall provide all necessary signage to alert traffic or other of the work being performed and to provide all related traffic control and flagging items as shown on the drawings and/or contract documents	
1	Excavation and Site Utilities	2.06	This TRADE CONTRACTOR shall be responsible to provide its own project layout according to the drawings, considering the benchmarks locations that will be given by the Construction Manager. This TRADE CONTRACTOR shall protect and maintain all survey stakes.	
1	Excavation and Site Utilities	2.07	<b>This TRADE CONTRACTOR shall be responsible for topsoil and/or non-topsoil stockpiling and management/maintenance thereof for all excavation spoils by this TRADE CONTRACTOR. This TRADE CONTRACTOR shall be aware of site stockpiling limitations onsite as reflected on the bid documents and/or site logistics plan and the construction schedule sequencing and shall haul material offsite and import material as required due to the phasing of the project. If proposing to stockpile onsite, this TRADE CONTRACTOR shall also include costs for site fencing, erosion control measures, and site restoration if proposing to store on site. Contractor to propose a stockpiling strategy as an attachment to the bid form at the time of bid. Any stockpiling onsite must be approved by the Construction Manager. This TRADE CONTRACTOR shall be responsible to remove and haul off all spoils generated by this scope of work an</b>	

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			<p>orderly manner from the jobsite if it cannot be reused when restoring the site.  <b>All excess spoils created by this TRADE CONTRACTOR or other, must be hauled off site and tested. Subtitle D material should be assumed.</b>  <b>DEDUCTIVE ALTERNATE: If excess spoils can be left onsite and not hauled to subtitle D. Please provide this value in the voluntary alternate section of the bid form, or on a separate insert in your sealed bid package.</b></p>	
1	Excavation and Site Utilities	2.08	<p>This TRADE CONTRACTOR shall be responsible for scheduling of all required testing for compaction, etc. This TRADE CONTRACTOR shall be responsible for adherence with all testing procedures and/or Geo-Technical Engineering findings and recommendations. Testing by the CONSTRUCTION MANAGER. This TRADE CONTRACTOR has read and understands all responsibilities of these reports and is responsible for all remediation and relocating excavated materials onsite as required. This TRADE CONTRACTOR shall provide any necessary lifts/proof rolling to complete scope of work to meet the proper compaction of sub-grade and/or backfill materials.</p>	
1	Excavation and Site Utilities	2.09	<p>This TRADE CONTRACTOR shall be responsible for all public access (streets, roads, aprons, curb-cuts, sidewalks, roads, etc) maintenance on a daily basis and for the duration of all on site activities that is clear of dirt, dust, debris, mud, stones, rocks, sediment and/or project related materials of any kind caused by this TRADE CONTRACTOR.</p>	
1	Excavation and Site Utilities	2.10	<p>All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.</p>	
1	Excavation and Site Utilities	2.11	<p>This TRADE CONTRACTOR shall contact JULIE 72 hour minimum prior to any excavation work. Record and document all contact with JULIE including but not limited to Dig Number; present JULIE dig number and all other JULIE related documentation to the Construction Manager 24-hours minimum prior to any excavation. All this JULIE documentation shall be included as part of the close out documentation.  <b>NOTE: This TRADE CONTRACTOR shall be responsible for private locates on all sites as required by this TRADE CONTRACTOR'S work.</b></p>	
1	Excavation and Site Utilities	2.12	<p>This TRADE CONTRACTOR is responsible for all permits, and fees required for the completion of his/her work.</p>	
1	Excavation and Site Utilities	2.13	<p>This TRADE CONTRACTOR shall provide all trucking of imported and exported materials as required by Construction Documents and pay all dump fees.</p>	
1	Excavation and Site Utilities	2.14	<p>This TRADE CONTRACTOR shall include all dewatering costs associated with the work</p>	
1	Excavation and Site Utilities	2.15	<p>As-built drawings must be submitted to the Construction Manager for review and approval following the construction of this building, within 2 weeks of substantial completion. As-built drawings must include the following drawings at a minimum: Dimension Plan and Grading Plan plus all site utility/plumbing work. As-Built is also required for the detention basin if applicable. The as-builts shall indicate the design information with a line through the text and the as-built elevation written next to it. Should the information be constructed as designed, the text shall be circled, indicating full compliance. As-built information is expected to be provided for the following items at a minimum: Spot elevations and contours. Hand written as-builts will not be accepted. As-builts shall be submitted in AutoCAD and PDF.</p>	
1	Excavation and Site Utilities	2.16	<p>This TRADE CONTRACTOR shall be responsible for all work associated with all SWPPP Legend items and SWPPP Notes. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish, install, maintenance, and removal of silt fence. This TRADE CONTRACTOR is responsible for all tree protection as well as removal. This TRADE CONTRACTOR shall be present with the Landscaper Contractor for the testing with Crystal Lake for the infiltration basin as listed on C-05. Concrete washout by Concrete. This TRADE CONTRACTOR is responsible for all Infiltration Basin Post Construction Testing (Coordinate with Crystal Lake), Infiltration Data, Infiltration Basin Notes and Construction Sequencing, Grading and Drainage Notes, Site Disturbance Note, and Site Benchmark Note. This TRADE CONTRACTOR is responsible for the furnish, install, maintenance and removal of all silt fence shown on sheet C-05 and throughout the bid drawings. This TRADE CONTRACTOR shall be</p>	

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			responsible for all Erosion Control Details on C-08 and C-09.	
1	Excavation and Site Utilities	2.17	This TRADE CONTRACTOR shall provide silt screen over all inlets to prevent clogging of underground piping and be responsible to remove at substantial completion.	
1	Excavation and Site Utilities	2.18	This TRADE CONTRACTOR shall provide and comply with all life safety OSHA standards and Pepper Construction's Safety procedures.	
1	Excavation and Site Utilities	2.19	This TRADE CONTRACTOR shall be responsible for all work GPUP requirements. Please see PCC Safety plan for additional information.	
1	Excavation and Site Utilities	2.20	This TRADE CONTRACTOR shall be responsible for all work associated with all Specifications & General Notes, Tag Explanation Legend, Filter Fabric Material Requirements, and McHenry County Stormwater Ordinance Appendix Notes on sheet C-01 and as shown throughout the bid documents.	
1	Excavation and Site Utilities	2.21	All topsoil is by this TRADE Contractor except at planter beds and the special mix at the infiltration basin. The Decorative aggregate is by OTHER as shown on sheet C-05 and throughout the bid documents.	
1	Excavation and Site Utilities	2.22	All jersey barriers shown on the site logistics plan are by this contractor. This TRADE CONTRACTOR shall include from the start of the project thru completion of all site work per the construction schedule.	
1	Excavation and Site Utilities	2.23	All construction fencing in by the construction Manager (PCC)	
1	Excavation and Site Utilities	2.24	<p>All work associated with all Removal Notes, Legend, Project Notes and Staging Notes on sheet C-03 are by this TRADE CONTRACTOR. All Removal Tags on sheet C-03 are the responsibility of this TRADE CONTRACTOR to removal and dispose of. Light poles will be disconnected and dropped by the Electrical Contractor. This TRADE CONTRACTOR to haul of and remove base. All curb and gutter and storm sewer demo shown on sheet C-03 is by this TRADE CONTRACTOR. This TRADE CONTRACTOR shall be responsible for all work associated with pavement sawcutting, Site Data, Project Notes, Legend, and Contractor Notes on sheet C-04 and as shown throughout the bid documents.</p> <p>All Monitoring manholes shall be furnished and installed by this TRADE CONTRACTOR. This TRADE CONTRACTOR shall be responsible for all Storm Tags, Sanitary Tags Sanitary Sewer Tags, Conflict Tags, Utility Notes, Water Tags, Project Legend and Onsite Waterline Notes on sheet C-07 and as shown throughout the bid documents..</p> <p>This TRADE CONTRACTOR shall be responsible for all structure, piping, SWPP, Utility, and hydrant details and notes on sheet C-10, C-11, and C-12.</p> <p>NOTE: All utilities within the existing building or the connecting link must be coordinate with the school and done on 3<sup>rd</sup> shift or Sunday.</p> <p>NOTE: Building demolition is by the Demolition Contractor. Please review the Demolition Scope.</p>	
1	Excavation and Site Utilities	2.26	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$25,000 in the base bid for removal of unsuitable soils as determined by the Soils Engineer.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	Excavation and Site Utilities	2.27	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$10,000 in the base bid for possible shoring or sheathing near the existing building</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	Excavation and Site Utilities	2.28	UC-1: Please write in the Voluntary Alternate section of the bid form, or on a separate insert in your sealed bid, for a per CY cost to excavate and haul off unsuitable soils and a second line to fill with CA-7.	

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1	Excavation and Site Utilities	2.29	<b>ALTERNATE 1A, B. C:</b> Provide costs as reflected on the bid form.	
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**SCOPE OF WORK**

For

**BID PACKAGE 3****Landscaping and Irrigation**

All bids for the Landscaping and Irrigation Bid Package 3 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

32 92 23 .....Sodding

Bid Group	Bid Package	Scope Item	Description	
1	Landscaping and Irrigation	3.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Landscaping and Irrigation	3.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Landscaping and Irrigation	3.03	This TRADE CONTRACTOR shall be responsible for all layout work, field measuring, and field dimensioning associated with this Trade Contractor's work.	
1	Landscaping and Irrigation	3.04	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all trees, shrubs, grass, perennials, detention seed, mulch, plant bed material, and sod as shown on sheet L-100 and through the bid documents. Additional SF of perennials and grasses referenced as intended on L-100 shall be considered above and beyond what is listed on the planting schedule.	
1	Landscaping and Irrigation	3.05	This TRADE CONTRACTOR shall be responsible for all work in all details and all General Notes on sheet L-101 and Specifications listed on sheet L-102. Note: All maintenance listed in the specifications is by This TRADE CONTRACTOR for the duration stated.	
1	Landscaping and Irrigation	3.06	This TRADE CONTRACTOR shall be responsible to import all needed topsoil at planter beds and the special mix and the infiltration basin. All other topsoil is by the EXCAVATOR. This TRADE CONTRACTOR is responsible for all and fine grading. See Topsoil Placement spec notes on C-01. Note: This TRADE CONTRACTOR shall be present with the Excavation Contractor for the testing with Crystal Lake for the infiltration basin as listed on C-05. This TRADE CONTRACTOR shall be responsible for all Infiltration Basin Post Construction Testing notes, Infiltration Basin Data, and Infiltration Basin Notes and Construction Sequencing as shown on sheet C-05.	
1	Landscaping and Irrigation	3.07	This TRADE CONTRACTOR shall be responsible for all irrigation work. This TRADE CONTRACTOR shall install empty sleeves for future irrigation at all planted beds.	

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1	Landscaping and Irrigation	3.08	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of everything in Native Seed Mix schedule and Topsoil/compost layer schedule on C-01 and as shown throughout the drawings. This TRADE CONTRACTOR shall be responsible for all stabilization blanket C-350 as shown on sheet C-05.	
1	Landscaping and Irrigation	3.09	This TRADE CONTRACTOR shall be responsible for all seeding with turf seed that is not called to be paved as shown on sheet C-05 and as shown throughout the bid documents.	
1	Landscaping and Irrigation	3.10	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of decorative aggregate as shown on sheet C-05 and throughout the bid documents.	
1	Landscaping and Irrigation	3.11	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$15,000 in the base bid for misc site restoration.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	Landscaping and Irrigation	3.12	ALTERNATE 3: Deductive cost to only provide a raised curb at the North planter beds only on sheet C-04 which requires less topsoil. This does not include areas reflected on the bid drawings call for seed or turf.	

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**SCOPE OF WORK**

For

**BID PACKAGE 4****Concrete**

All bids for the Concrete Bid Package 4 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

031000.....Concrete Formwork

031000.....Concrete Forming and Accessories

032000.....Concrete Reinforcement

033000.....Cast-In-Place Concrete

321313.....Concrete Paving

321726.....Tactile Warning Surface

Bid Group	Bid Package	Scope Item	Description	
1	Concrete	4.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Release may be updated by future adjustments that will become part of said contractors' agreement.  <b>NOTE:</b> This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.	
1	Concrete	4.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Concrete	4.03	This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.	
1	Concrete	4.04	This TRADE CONTRACTOR shall be responsible for all layout work, field measuring, and field dimensioning associated with this Trade Contractor's work.	
1	Concrete	4.05	This TRADE CONTRACTOR shall provide and comply with all life safety OSHA standards and Pepper Construction's Safety procedures.	
1	Concrete	4.06	This TRADE CONTRACTOR shall be responsible for taking appropriate measures to protect existing conditions including but not necessarily limited to perimeter landscaping, curbs, gutters, drives and walks, buildings, light poles, hydrants, etc. from damage that may be caused by this work.	
1	Concrete	4.07	This TRADE CONTRACTOR shall be responsible for scheduling of all required testing for compaction, etc. This TRADE CONTRACTOR shall be responsible for adherence with all testing procedures and/or Geo-Technical Engineering findings and recommendations. Testing by the OWNER. This TRADE CONTRACTOR has read and understands all responsibilities of these reports and is responsible for all remediation and relocating excavated materials onsite as required. This TRADE CONTRACTOR shall provide any necessary lifts/proof rolling to complete scope of work to meet the proper compaction of sub-grade and/or backfill materials. All concrete testing costs will be paid by the OWNER. This TRADE CONTRACTOR shall be responsible to coordinate	

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			all testing and provide required cylinders, etc.	
1	Concrete	4.08	This TRADE CONTRACTOR shall be responsible for all public access (streets, roads, aprons, curb-cuts, sidewalks, roads, etc.) maintenance on a daily basis and for the duration of all on site activities that is clear of dirt, dust, debris, mud, stones, rocks, sediment and/or project related materials of any kind caused by this TRADE CONTRACTOR.	
1	Concrete	4.09	This TRADE CONTRACTOR shall provide a concrete washout box and coordinate location with PCC superintendent. This TRADE CONTRACTOR shall include haul away and removal from the project site.	
1	Concrete	4.10	Once mobilized, THIS CONTRACTOR shall be responsible for dewatering of casual/rainwater until entire installation is completed. This scope is based on this subcontractor being able to utilize a standard pump (up to 6") with a 2" discharge. Dewatering discharge to be handled by this TRADE CONTRACTOR in accordance with all state and local requirements.	
1	Concrete	4.11	This TRADE CONTRACTOR is responsible for all permits, and fees required for the completion of this work.	
1	Concrete	4.12	This TRADE CONTRACTOR shall be responsible to provide all required accelerators and add-mixtures for cold weather concrete pouring according to ACI Standards. Winter blankets shall be included, when required.	
1	Concrete	4.13	This TRADE CONTRACTOR shall provide silt screen over all inlets to prevent clogging of underground piping, and be responsible to remove at substantial completion.	
1	Concrete	4.14	This TRADE CONTRACTOR shall be responsible for all work associated with providing As-Built drawings of anchor bolts and spot checks of heights at top of foundations.	
1	Concrete	4.15	This TRADE CONTRACTOR shall be responsible for providing any temporary bulkheads, edge forms, shoring, etc. as required for the proper completion of this TRADE CONTRACTOR'S work. This TRADE CONTRACTOR shall be responsible for all stair concrete toppings and tread infills.	
1	Concrete	4.16	This TRADE CONTRACTOR shall be responsible to furnish and install all new concrete including footings, thickened footings as required, foundations walls, grade beams, piers, shear walls, elevator pits, columns concrete slab on grade, slab on metal deck, elevated slabs, elevated beams, toppings, thickened slabs as required by bid documents.	
1	Concrete	4.17	This TRADE CONTRACTOR shall include minor excavation (footing trim) required to maintain footing depth and thickness.	
1	Concrete	4.18	This TRADE CONTRACTOR shall provide specified brick ledge as shown on bid documents for all foundation wall work. Any modifications to foundation wall thicknesses must be reviewed and approved by structural engineer and coordinated with enclosure subcontractors (masonry, curtainwall, EIFS, partitions, etc.) prior to placement.	
1	Concrete	4.19	This TRADE CONTRACTOR shall provide grouting of all base plates. All non-shrink grout intended for steel work, whether noted or not, shall be furnished and installed by this TRADE CONTRACTOR. Steel to be furnished and installed by the STEEL CONTRACTOR.	
1	Concrete	4.20	This TRADE CONTRACTOR shall complete flatness and levelness testing prior to removing formwork.	
1	Concrete	4.21	This TRADE CONTRACTOR shall furnish and install site concrete per sizes, profiles, details for curbs, gutters, sidewalks, stamped concrete, etc.as shown throughout the bid documents. This TRADE CONTRACTOR shall furnish and install curb and gutter as shown on sheet C-03 and throughout the bid documents.	
1	Concrete	4.22	This TRADE CONTRACTOR shall be responsible for the furnish and install of slab on grade vapor retarder.	
1	Concrete	4.23	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all dampproofing and waterproofing. This TRADE CONTRACTOR shall be responsible for all foundation insulation as shown on sheet A6.01 and throughout the bid documents.	
1	Concrete	4.24	All stone by excavator. Fine grading by this TRADE CONTRACTOR.	
1	Concrete	4.25	The furnish, install, maintenance, and removal of the concrete washout dumpsters is by this TRADE CONTRACTOR.	
1	Concrete	4.26	This TRADE CONTRACTOR shall be responsible for all work associated with the footings, foundations and compressible filler at the planter beds as shown on sheet C-04 and referenced in detail 2 on sheet A0.10 and detail 9 on sheet S3.00.	
1	Concrete	4.27	This TRADE CONTRACTOR shall be responsible for all work associated with Keynote 3 on sheet C-04 for the stamped colored concrete and the concrete patio. This TRADE CONTRACTOR shall be responsible for all curb and gutter, sidewalk and colored concrete notes, Project Notes, Contractor Notes, and Stamped Colored Concrete Notes on sheet C-04 and as shown throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all Standard Construction	

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			Details for Concrete on sheet C-10.	
1	Concrete	4.28	This TRADE CONTRACTOR is responsible for all post installed anchor notes on sheet S0.01 and special inspections and testing on S0.02. This TRADE CONTRACTOR shall be responsible for all work, keynotes, sheet notes, schedules, and details shown on sheet S1.00, S1.01, S3.00, and throughout the bid documents. This TRADE CONTRACTOR is responsible for all work in the details and in the schedule on sheet S3.01	
1	Concrete	4.28	This TRADE CONTRACTOR has reviewed the construction schedule and is responsible for any cold weather mixes and/or blankets for after pours. Temp heaters by OTHER.	
1	Concrete	4.29	ALTERNATE 3: Deductive cost to only provide a raised curb at the North planter beds only on sheet C-04.	
1	Concrete	4.30	<p>ALLOWANCE: This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc revisions.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	

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**SCOPE OF WORK**

For

**BID PACKAGE 5****Masonry**

All bids for the Masonry Bid Package 5 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

Div 4.....Masonry

**07 21 00.....Thermal Insulation**

079200 .....Joint Sealants

Bid Group	Bid Package	Scope Item	Description	
1	Masonry	5.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Masonry	5.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Masonry	5.03	This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.	
1	Masonry	5.04	This TRADE CONTRACTOR shall be responsible for all layout work, measuring and field dimensioning associated with this Trade Contractor's work. Construction Manager will provide building offsets. All other engineering or layout as required to complete this scope of work is the sole responsibility of this TRADE CONTRACTOR.	
1	Masonry	5.05	This TRADE CONTRACTOR shall be responsible for furnishing and installing all reinforcing requirements, including reinforcing bars, dowels, wall ties, straps, anchors, and other items required for completion of contractors work.	
1	Masonry	5.06	This TRADE CONTRACTOR shall be responsible to install all masonry wall embeds and lintels.	
1	Masonry	5.07	This TRADE CONTRACTOR shall be responsible for all rigid insulation, thru-wall flashing, caulking/ filler/ sealant/backer rod, and weep vents as required for this TRADE CONTRACTOR'S work	
1	Masonry	5.08	This TRADE CONTRACTOR shall be responsible for all tooled joints in all exposed masonry work as required.	
1	Masonry	5.09	This TRADE CONTRACTOR shall be responsible for all expansion and/ or control joints required, including expansion/ control joint fillers/ sealant/soft joints shown throughout the bid documents and as required. <b>NOTE: This TRADE CONTRACTOR shall be responsible to submit a control joint shop drawing for review and approval by the architect prior to proceeding with the installation.</b>	
1	Masonry	5.10	This TRADE CONTRACTOR shall be responsible to review all demolition drawings and patch all areas where items are removed from existing masonry walls.	

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MCHENRY COUNTY COLLEGE  
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1	Masonry	5.11	This TRADE CONTRACTOR will maintain streets, sidewalks, and roads, free from debris and waste material resulting from their operation in accordance with local regulations and Contractor staff. This TRADE CONTRACTOR will assume all responsibility for any permits required for hauling and / or trucking of material required for this scope of work. This TRADE CONTRACTOR to contact the City having jurisdiction over this site for information on all trucking routes and permit information. This TRADE CONTRACTOR will comply with all regulations concerning dust control, clean tires, traffic control, etc. as it relates to the hauling of material for this scope of work.	
1	Masonry	5.12	This TRADE CONTRACTOR will replace and repair, at no additional cost, any construction damaged by this TRADE CONTRACTOR's field operations and/or personnel.	
1	Masonry	5.13	This TRADE CONTRACTOR shall be required to provide a mockup onsite for approval by the designer/owner as stated in the specification.	
1	Masonry	5.14	This TRADE CONTRACTOR shall be responsible for all work associated with all required masonry cleaning. This TRADE CONTRACTOR shall be responsible to properly rub and scrape new CMU walls in preparation of receiving other finish product.	
1	Masonry	5.15	This TRADE CONTRACTOR shall provide all compressible filler where CMU butts steel members as indicated.	
1	Masonry	5.16	This TRADE CONTRACTOR shall provide labor and material to assist Owner's testing agency.	
1	Masonry	5.17	This TRADE CONTRACTOR shall furnish and install fire-resistive joint system to all head-of-wall joints and control joints at fire rated masonry partitions including all misc. components (Pleates, angles, sealants, compounds, stabilizing anchors, batt insulation, etc.). Provide UL assemblies at fire rated walls as needed. NOTE: Any caulking required where new masonry abuts existing is by this CONTRACTOR.	
1	Masonry	5.18	NOTE: This TRADE CONTRACTOR shall be responsible for patching into existing masonry walls where new walls tie into the existing building.	
1	Masonry	5.19	Lintels are furnished by the STEEL CONTRACTOR and received, inventoried and installed by this TRADE CONTRACTOR.	
1	Masonry	5.20	This TRADE CONTRACTOR shall be responsible for all face brick and stone cap at the planter beds as referenced in sheet A0.10 detail 2, S3.00 detail 9 and as referenced on sheet C-04. All salvaged brick removed and cleaned by this TRADE CONTRACTOR.	
1	Masonry	5.21	This TRADE CONTRACTOR shall be responsible for the patching brick as needed after the overhang is removed per Demo Referenced Note W4 and all work associated with W1 on sheet AD1.01. All salvaged brick/CMU must be cleaned properly. This TRADE CONTRACTOR shall tooth in salvaged brick as shown on sheet A4.01 and throughout the bid documents.	
1	Masonry	5.22	This TRADE CONTRACTOR is responsible for all post installed anchor notes on sheet S0.01.	
1	Masonry	5.23	<b>ALLOWANCE: This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc revisions.</b>  <b>NOTE: The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</b>	
1	Masonry	5.24	ALTERNATE 3: Deductive cost to eliminate the face brick and stone cap at the North planters only on sheet C-04.	

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**SCOPE OF WORK**

For

**BID PACKAGE 6****Steel**

All bids for the Steel Bid Package 6 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

051223 .....Structural Steel

053100 .....Steel Deck

Bid Group	Bid Package	Scope Item	Description	
1	Steel	6.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Release may be updated by future adjustments that will become part of said contractors' agreement.  <b>NOTE:</b> This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.	
1	Steel	6.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Steel	6.03	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Professional Liability and Rigging Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Steel	6.04	This TRADE CONTRACTOR shall be responsible for all layout work, field measuring, and field dimensioning associated with this Trade Contractor's work.	
1	Steel	6.05	This TRADE CONTRACTOR shall provide and comply with all life safety OSHA standards and Pepper Construction's Safety procedures.	
1	Steel	6.06	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	Steel	6.07	This TRADE CONTRACTOR shall perform daily clean-up operations and shall comply with all Pepper and OSHA safety requirements especially including but not limited to PPE and fall protection.	
1	Steel	6.08	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision, and/or <u>premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.</u>	
1	Steel	6.09	This TRADE CONTRACTOR will replace and repair, at no additional cost, any construction damaged by this TRADE CONTRACTOR's field operations and/or personnel.	
1	Steel	6.10	The fabricator, erector and decker must agree to the Instruction to Bidders document which specifically requires 100% fall protection at 15' and above.	
1	Steel	6.11	Erector must complete the Project Safety Plan for Steel Erection with the Pepper Safety Dept. prior to job start.	

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SECTION 00 32 00– Scope Document

1	Steel	6.12	All ironworkers must receive training in and be knowledgeable of the specific requirements of the Project Safety Dept. prior to beginning work.	
1	Steel	6.13	This TRADE CONTRACTOR shall furnish all labor, material, tools, equipment, etc. as required to provide a full and complete building miscellaneous steel package as shown in the bid documents.	
1	Steel	6.14	This TRADE CONTRACTOR shall be responsible for all shop drawings and calculations, indicating embed design, embedded layout connection and connection details, other structural and miscellaneous iron items, etc. with stamped certification and seal of a licensed structural engineer in the State of Illinois. Any dimensional or verification questions will not be an acceptable excuse for the delaying the shop drawing process. Any dimensional questions or verification items will be answered during the shop drawing review process.	
1	Steel	6.15	This TRADE CONTRACTOR shall be responsible for all field welding, bolts, washers, expansion anchors and ancillary materials required for the miscellaneous and structural steel connections indicated in the contract documents.	
1	Steel	6.16	<b>All materials are to be finished with a shop primed finish unless otherwise noted.</b> <b>Note: This TRADE CONTRACTOR is responsible to confirm finish needs with Fireproofing Contractor prior to fabricating any steel to receive fire proofing.</b>	
1	Steel	6.17	<b>Testing:</b> Adhere to all testing procedures and/or findings and recommendations. All costs associated with all required testing according to the ASTM standards and to the division 5 specification sections are by the owner. This TRADE CONTRACTOR shall be responsible for adherence with all testing procedures and/or findings and recommendations.	
1	Steel	6.18	This TRADE CONTRACTOR is responsible to coordinate with the HVAC CONTRACTOR for layout of all misc. steel. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all HVAC equipment support steel. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and delivery of all lintels to wall contractor.	
1	Steel	6.19	<b>This TRADE CONTRACTOR shall furnish and install all steel cross bracing shown on sheet A6.01 and throughout the bid documents. This TRADE CONTRACTOR shall furnish and install all steel plates shown on sheet A6.03 and throughout the bid documents. This TRADE CONTRACTOR shall furnish and install all steel tubes shown on sheet A6.04 and throughout the bid documents.</b>	
1	Steel	6.20	<b>This TRADE CONTRACTOR is responsible for all post installed anchor notes on sheet S0.01 and special inspections and testing on S0.02. This CONTRACTOR has all steel shown on S2.00 and S2.01.</b>	
1	Steel	6.21	<b>All steel in all details on sheet S4.00 is furnished and installed by the Wood Timber Contractor including all Simpson screws and timber screws. The L8x6x1/2 is by the steel. All holes and slots in wood timbers are by the wood timbers contractor. This TRADE CONTRACTOR is responsible for all work on sheet S4.01 and S4.02. Rod braces are by the steel contractor in detail 5/S4.03.</b>	
1	Steel	6.22	<b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$10,000 in the base bid for misc revisions.  <b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.	

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**SCOPE OF WORK**

For

**BID PACKAGE 7****General Carpentry**

All bids for the General Carpentry Bid Package 7 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

034900.....Glass-Fiber Reinforced Concrete  
 054000.....Cold Formed Metal Framing  
 Div 6.....Wood, Plastics, and Composites  
 078100.....Applied Fire Protection  
 074200.....Solid Phenolic Exterior Wall Panels  
 074265.....Thermal and Air Barrier System  
 078123.....Intumescent Fire Protection  
 079200.....Joint Sealants  
 0799513.13.....Interior Expansion Joint Cover Assemblies  
 0799513.19.....Exterior Expansion Joint Cover Assemblies  
 081113.....Hollow Metal Doors and Frames  
 081416.....Flush Wood Doors  
 087100.....Door Hardware  
 092116.23.....Gypsum Board Shaft Wall Assemblies  
 092216.....Non Structural Metal Framing  
 092900.....Gypsum Board  
 Div 10.....Specialties  
 Div 12.....Furnishings  
 321216.....Asphalt Paving

Bid Phase	Bid Package	Scope Item	Description	
1	General Carpentry	7.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics plan and Construction Schedule included within the project manual.</b>	
1	General Carpentry	7.02	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability, Rigging Insurance and Professional Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	General Carpentry	7.03	This TRADE CONTRACTOR is responsible for all layout work, measuring and field dimensioning associated with this TRADE CONTRACTOR'S work.	
1	General Carpentry	7.04	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	General Carpentry	7.05	This TRADE CONTRACTOR shall be responsible for furnishing, lay-out, and installation of all required blocking and framing at mechanical, electrical, and plumbing through wall penetrations; at all roof curbs, roofing including	

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DIVISION 00 – Bidding and Procurement Requirements

SECTION 00 32 00– Scope Document

			parapet nailers and coping along the entire perimeter of the roof parapet, doors, windows, soffits, canopies, skylights/smoke vents, toilet accessories and partitions, drinking fountains, lockers, grab bars, casework, window sills, visual display boards, and display cases based on proper construction. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all wood blocking/backing/plywood as shown on the drawings. All Roof Blocking, sheathing, etc is by this TRADE CONTRACTOR.	
1	General Carpentry	7.06	This TRADE CONTRACTOR shall complete all pre-construction due-diligence required for the work of this trade contractor including but not limited to verification of adequacy and location of blocking/backing for attachments and installation, proper clearances, floor/wall/ceiling/equipment and device locations.	
1	General Carpentry	7.07	This TRADE CONTRACTOR shall provide clean cut, and tight trim edging for preparation of the painting trade contractor finishes. It is this TRADE CONTRACTOR who will provide all the necessary filler/caulk of his/her finished work.	
1	General Carpentry	7.08	<p>This TRADE CONTRACTOR shall include all Wall/Partition Gypsum Board assemblies including but not necessarily limited to all light gauge metal framing, light gauge metal framing slip connections, channels, light gauge metal framing deflection connection, all related bracing, all related light gauge bridging, all required insulation, acoustical batt insulation, acoustical attenuation blanket, mineral wool, HDSF Insulation, all walls/partitions gypsum board furring, all types of gypsum board, metal stud kickers where required, fire rated drywall partition assemblies, stiffeners, caulking, gypsum board expansion joint covers, water resistant gypsum backing board, drywall finishing, furring channels, fire retardant furring, drywall sills, corner guards, all drywall partition types, drywall ceilings, abuse/impact resistant drywall, break metal, etc. All work according to the drawings and construction documents.</p> <p>This TRADE CONTRACTOR is responsible for all partition types and Partition Type General Notes on sheet A10.00 and throughout the bid documents.</p> <p><b>NOTE:</b> All walls to receive wall covering shall be finished as a level 5 finish by this TRADE CONTRACTOR.</p>	
1	General Carpentry	7.09	This TRADE CONTRACTOR is responsible to furnish and Install all full height, full width interior and/or exterior Carpentry related sealants, caulking, and fire caulking/safing, including but not necessarily limited to sealant/caulking of joints as part of this trade contractors work where indicated and/or required, including where the work of this trade contractor intersects dissimilar materials (i.e. drywall to masonry, drywall to precast, plaster to masonry, gypsum board to masonry, plaster to gypsum board, plastic laminate to plaster, plaster laminate to masonry, plastic laminate to gypsum board, gypsum board to glass block, and any material provided by this TRADE CONTRACTOR with any other material, etc.) Sealant and caulking shall comply with the fire rating requirements of the wall where installed. This TRADE CONTRACTOR shall be responsible for all caulking for items this TRADE CONTRACTOR installs.	
1	General Carpentry	7.10	<p><u><b>Casework:</b></u></p> <p><b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of <u>ALL</u> GFRC panel ceiling, linear wood slat ceilings (Phenolic), WD-1, WD-2, WD-3, and WD-4 wood wall panels, edges, and trim as shown on sheet A2.01 and throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with the rain screen attachment system for the panels in this scope of work as shown</b></p>	

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			<p>on sheet A7.01 and throughout the bid documents.</p> <p><b>All wood wall base and wood veneer shall be furnished and installed by this TRADE CONTRACTOR.</b></p> <p><b>NOTE: This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all blocking required for the installation of the casework/millwork scope required, but not shown on the bid documents.</b></p>	
1	General Carpentry	7.11	<p><b><u>Drywall and Soffits:</u></b></p> <p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of cold formed framing (and engineering), all framing, insulation, drywall, taping etc as shown throughout the bid documents for walls, ceilings, soffits, etc.</p> <p><b>NOTE: This TRADE Contractor is responsible for all work associated with removal and salvaging of ceiling tile as required in Ceiling Demolition Keyed Notes C5, C6, and C7 on sheet AD1.01 and AD2.01. Reinstall in Ceilings package.</b></p> <p><b>NOTE: This TRADE CONTRACTOR shall remove Stucco ceiling and replace as shown on sheet A2.02</b></p>	
1	General Carpentry	7.12	<p><b><u>Doors, Frames and Hardware</u></b></p> <p>This TRADE CONTRACTOR is responsible for furnishing, delivering, unloading, inventory, distribution and installation of all HM and wood doors and frames, and hardware.</p> <p>This TRADE CONTRACTOR shall attend hardware coordination meeting(s) held between Owner, Architect, Supplier and Construction Manager. This TRADE CONTRACTOR shall attend keying meeting held between Owner, Architect, Supplier and Construction Manager. This TRADE CONTRACTOR shall be responsible for the installation of permanent cores per final keying information and be responsible to provide all cores and keys. This TRADE CONTRACTOR shall receive all cores and install prior to substantial completion.</p> <p>This TRADE CONTRACTOR shall provide blocking as required at all jambs and shall caulk all HM frames prior to painting. All glass in doors and frames is by the Storefronts Contractor.</p> <p>This TRADE CONTRACTOR is responsible to remove and return to owner, any doors, frames or hardware calling to be salvaged. Anything damaged will be the responsibility of this contractor to replace. A transmittal signed by the owner is required with any salvaged material work.</p>	
1	General Carpentry	7.13	<p><b><u>Wood Timbers</u></b></p> <p><b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of <u>ALL</u> wood timbers and accessories.</b></p> <p><b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of the solid phenolic exterior wall panels at the exterior and interior on the horizontal soffits and vertical fascia (Full height).</b></p> <p><b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of the wood panel ceiling, wood phenolic ceilings and wall panel planks, heavy timber beams and Cross laminated timbers inside and out as shown on sheet A2.01 and throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with the CLT wood decking shown on sheet A6.01 and throughout the bid documents.</b></p> <p><b>This TRADE CONTRACTOR shall be responsible for all work associated CLT specs, Glued-Laminated Construction specs, and post installed anchors spec on sheet S0.01. This TRADE CONTRACTOR is responsible for all special</b></p>	

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			<p>inspections and testing on S0.02. All heavy timbers and CLT on sheets S2.00 and S2.01 are by this TRADE CONTRACTOR.</p> <p>NOTE: All steel in all details on sheet S4.00 is furnished and installed by the Wood Timber Contractor including all Simpson screws and timber screws. The L8x6x1/2 is by the steel contractor. All holes and slots in wood timbers are by the wood timbers contractor.</p> <p>The STEEL CONTRACTOR is responsible for all work on sheet S4.01 and S4.02. Rod braces are by the steel contractor in detail 5/S4.03. All other steel on associated with wood timbers on sheet S4.03 is by the wood timbers contractor.</p>	
1	General Carpentry	7.14	<p><b>Asphalt:</b></p> <p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of <u>ALL</u> asphalt and stone. This Contractor is responsible for asphalt related specs on sheet C-01. This TRADE CONTRACTOR shall be responsible for all parking stall and drop off striping as well as restoring existing conditions as shown on sheet C-03 and throughout the bid documents.</p>	
1	General Carpentry	7.15	<p><b>Spray Fireproofing:</b></p> <p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of <u>ALL</u> spray fireproofing and intumescent painting. This TRADE CONTRACTOR shall be responsible for all work associated with Code Plan Referenced Notes 3, 4, and 7 on sheet AC1.01. Spray/Paint to existing material shall be prepped as required for install by this TRADE CONTRACTOR. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of the spray foam insulation as shown in detail 4 on sheet A7.03 and throughout the bid documents.</p> <p>NOTE: This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of spray foam insulation within the exterior stud wall cavity at ALL locations where thermal and air barrier systems are shown on the drawings.</p> <p>NOTE: 8 hours of comeback touch up fireproofing must be included in this bid.</p>	
1	General Carpentry	7.16	<p><b>Div 10:</b></p> <p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of the backlit aluminum channel exterior signage shown on sheet A4.01 and throughout the bid documents. Electrical by OTHER. This TRADE CONTRACTOR shall furnish and install all Dimensional Letters, Wall and Door protection, FE's and FEC as shown throughout the bid documents.</p> <p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all doors, new walls, FEC's and FE's, access panels, expansion joints, and markerboards as shown on sheet A0.10, A1.01, and throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all corner guards shown on sheet A11.01 and throughout the bid documents.</p>	
1	General Carpentry	7.17	<p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all thermal and air barrier shown on sheet A6.02, and as shown on the bid document, including all system components in a continuous and secure fashion. HDSF insulation shall be used at all breaks as shown on sheet A6.04 and throughout the bid documents.</p>	

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1	General Carpentry	7.18	This TRADE CONTRACTOR shall furnish and install all roller and window shades as shown on sheet A2.01 and as shown throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all benches shown on sheet C-02 in Keynote and as shown throughout the bid documents.	
1	General Carpentry	7.19	<b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$30,000 in the base bid for misc revisions.  <b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.	
1	General Carpentry	7.20	<b>ALTERNATE 2:</b> Add wood trim per 01 23 00.	
1	General Carpentry	7.21	<b>ALTERNATE 6:</b> Deductive cost to eliminate backlit signage per 01 23 00.	
1	General Carpentry	7.22	<b>ALTERNATE 7:</b> Deductive cost to eliminate electrical roller shades per 01 23 00.	
1	General Carpentry	7.23	<b>ALTERNATE 8&amp;9:</b> Deductive cost to eliminate wall panels and provide drywall per 01 23 00.	

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**SCOPE OF WORK**

For

**BID PACKAGE 8****Roofing and ACM**

All bids for the Roofing and ACM Bid Package 8 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

07 21 00 .....Thermal Insulation  
 07 42 13.19.....Insulated Metal Wall Panels  
 07 42 13.23.....Metal Composite Material Wall Panels.  
 07 53 23.....EPDM Roofing  
 07 62 00.....Sheet Metal Flashing and Trim  
 07 71 29.....Manufactured Roof Expansion Joints  
 07 71 00.....Roof Accessories  
 07 92 00.....Joint Sealants

Bid Group	Bid Package	Scope Item	Description	
1	Roofing and ACM	8.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Roofing and ACM	8.02	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability and Rigging Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Roofing and ACM	8.03	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Roofing and ACM	8.04	This TRADE CONTRACTOR shall be responsible for temporary protection of this TRADE CONTRACTOR'S material whether installed or not. This TRADE CONTRACTOR shall properly protect the roofing system at the end of each workday and upon completion of the work to ensure moisture does not penetrate the roofing system.	
1	Roofing and ACM	8.05	This TRADE CONTRACTOR shall furnish and install all roofing of the project and related assemblies, including but not limited to: all roof membranes, all required roof blocking, crickets, saddles, scuppers, all required roof vapor barrier, all roofing pads, all flashing and counter flashing, coping, all gutters/downspouts, steel pipe downspouts, splash blocks termination bars, all sheet metal associated with the roofing, all roof expansion joints, and all roof system fasteners as required to provide manufacturer's warranty. <b>NOTE: All roof wood and blocking to be furnished and installed by the GEN CARPENTRY CONTRACTOR.</b>	
1	Roofing and ACM	8.06	This TRADE CONTRACTOR shall furnish and install all work required for all roof curbs and parapet walls, including but not necessarily limited to, all bonding adhesives, flashing membranes, pre-finished metal coping, all fasteners, splicing cement, lap sealant, and other roofing materials not specifically mentioned.	
1	Roofing	8.07	Note: curbs for all RTUs are furnished by HVAC TRADE CONTRACTOR but flashing is by Roofing	

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SECTION 00 32 00– Scope Document

	and ACM		contractor.	
1	Roofing and ACM	8.08	This TRADE CONTRACTOR shall furnish and install all flashing for all roof penetrations and equipment posts.	
1	Roofing and ACM	8.09	This TRADE CONTRACTOR shall strip-in all roof drains.	
1	Roofing and ACM	8.10	Roofing debris will not be allowed to accumulate on the project and must be disposed of daily in the proper container. This TRADE CONTRACTOR shall police the surrounding off-set neighborhood removing any roofing and steel metal debris, which may have been carried off-site by wind.	
1	Roofing and ACM	8.11	This TRADE CONTRACTOR shall be responsible for all necessary tapering of insulation materials as to provide proper drainage. At TRADE CONTRACTOR'S expense shall immediately address any ponding conditions.	
1	Roofing and ACM	8.12	This TRADE CONTRACTOR is responsible for providing all work, necessary testing, field inspection and final inspection report from manufacturer for all required warranties. Testing to include water testing & pull-out test for roof fastening system (to be witnessed by Construction Manager).	
1	Roofing and ACM	8.13	This TRADE CONTRACTOR is responsible to furnish all scaffolding, hoisting, lifts, etc. necessary to complete work in accordance with project schedule.	
1	Roofing and ACM	8.14	This TRADE CONTRACTOR shall provide a system as required by the manufacturer to provide a warranty.	
1	Roofing and ACM	8.15	This TRADE CONTRACTOR shall be responsible to coordinate and attend coordination, safety, and quality meetings as required.	
1	Roofing and ACM	8.16	This TRADE CONTRACTOR is responsible to furnish and install all MEP penetration flashing and accessories as required. Review the MEP documents for a complete scope.	
1	Roofing and ACM	8.17	This TRADE CONTRACTOR is responsible to notify the roof system warranty holders as required to maintain the current roof warranties. If this TRADE CONTRACTOR is not a certified installer of the existing roof manufacturer, this TRADE CONTRACTOR must subcontract the work at the existing roof to a roofing contractor that is certified.	
1	Roofing and ACM	8.18	This TRADE CONTRACTOR is responsible for all work associated with the furnish and install all ACM panel system, and metal fascia as shown on sheet A4.01 and throughout the bid documents. This TRADE CONTRACTOR shall furnish and install the insulated metal panel infill on sheet A4.01 and throughout the bid documents. This TRADE CONTRACTOR shall furnish and install all rainscreens , attachment systems, and two piece flashing shown on sheet A6.02 and throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all ACM Column wraps as shown on sheet A6.04	
1	Roofing and ACM	8.19	This TRADE CONTRACTOR is responsible to furnish and install all metal copings referenced on sheet A1.01 and throughout the bid documents. This TRADE CONTRACTOR shall be responsible for all work associated with all roofing, insulation, vapor retarder, flashing, coping, flashing, counterflashing, drip edge, termination bargravel, expansion joint, cants, downspouts, fascia, etc as shown on sheet A3.01 and throughout the bid documents. This TRADE CONTRACTOR shall furnish and install all nail base insulation as shown on sheet A6.02 and throughout the bid documents.	
1	Roofing and ACM	8.20	<b>After demolition, this TRADE CONTRACTOR must furnish and install a "temp roof" at building separation to keep the existing building water tight.</b>	
1	Roofing and ACM	8.21	<b>ALLOWANCE: This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc revisions.</b>  <b>NOTE: The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</b>	

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**SCOPE OF WORK**

For

**BID PACKAGE 9****Storefronts and Glazing**

All bids for the Storefronts & Glazing Bid Package 9 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

079200..... Joint Sealants

084113..... Aluminum-Framed Entrances and Storefronts

084413..... Glazed Aluminum Curtainwall

087100..... Door Hardware

088000..... Glazing

Bid Phase	Bid Package	Scope Item	Description	
1	Storefronts & Glazing	9.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Storefronts & Glazing	9.02	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability and Professional Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Storefronts & Glazing	9.03	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation. This TRADE CONTRACTOR shall assume multiple mobilizations.	
1	Storefronts & Glazing	9.04	This TRADE CONTRACTOR shall perform all the required scope of work according to the drawings, specifications, contract documents, local and state codes, etc.	
1	Storefronts & Glazing	9.05	TRADE CONTRACTOR is responsible for all joint sealant as they apply to any and all work of this TRADE CONTRACTOR. This TRADE CONTRACTOR shall furnish and install all caulking and backer rods related to the installation of this work, per specification.	
1	Storefronts & Glazing	9.06	All wood blocking shown in the bid documents to be furnished and installed by OTHER. Any wood blocking required for the installation of this TRADE CONTRACTOR'S work, but not shown on the drawings, will be furnished and installed by this TRADE CONTRACTOR.	
1	Storefronts & Glazing	9.07	This TRADE CONTRACTOR shall submit all required samples, product data, and shop drawings with calculations for review by architect and engineer as required in the specifications in order to meet the construction schedule and assuming a two week review period.	
1	Storefronts & Glazing	9.08	This TRADE CONTRACTOR shall provide all tools, equipment, manpower, and hoisting for this TRADE CONTRACTORS scope of work.	
1	Storefronts & Glazing	9.09	This TRADE CONTRACTOR shall clean all window systems and glazing as outlined in the specifications prior to turn over.	
1	Storefronts & Glazing	9.10	This TRADE CONTRACTOR shall provide all glass to be installed within hollow metal frames, wood doors, and hollow metal doors. This TRADE CONTRACTOR shall field measure these items. All glass is per the glass schedule on sheet A10.00 and A10.10.	

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SECTION 00 32 00– Scope Document

1	Storefronts & Glazing	9.11	This TRADE CONTRACTOR shall work with Construction Manager and Owner to coordinate the keying schedule for doors this TRADE CONTRACTOR provides. This TRADE CONTRACTOR shall provide construction cores for all openings and will be swapped out at the end of the project by this TRADE CONTRACTOR with the final cores.	
1	Storefronts & Glazing	9.12	<b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all aluminum curtain wall and storefront systems and hardware as shown on sheet A4.01 and throughout the bid documents. Auto Operator Actuators are by this TRADE CONTRACTOR. All aluminum doors and frames and associated hardware as shown on sheet A10.00 and A10.10. Fastening calcs stamped by an engineer are required.</b>	
1	Storefronts & Glazing	9.13	<b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc revisions.  <b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.	

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**SCOPE OF WORK**

For

**BID PACKAGE 10****Ceilings**

All bids for the Ceilings Bid Package 10 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

095113 .....Acoustical Panel Ceilings

Bid Group	Bid Package	Scope Item	Description	
1	Ceilings	10.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics plan and Construction Schedule included within the project manual.</b>	
1	Ceilings	10.02	This TRADE CONTRACTOR is responsible for all layout work, measuring and field dimensioning associated with this TRADE CONTRACTOR'S work.	
1	Ceilings	10.03	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Ceilings	10.04	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all acoustical wall panels and ceiling systems and all metal ceiling edge trim as shown throughout the bid documents.	
1	Ceilings	10.05	The General CARPENTRY Contractor is responsible for all work associated with removal and salvaging of ceiling tile as required in Ceiling Demolition Keyed Notes C5, C6, and C7 on sheet AD1.01 and AD2.01. This TRADE CONTRACTOR shall be responsible for reinstallation as required.	
1	Ceilings	10.06	<b>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all acoustical ceilings, black ceiling tile ACT system, and baffles, as shown on sheet A2.01 and throughout the bid documents. This TRADE CONTRACTOR shall be responsible to remove, salvage and reinstall ceiling and grid ass shown on sheet A2.02.</b>	
1	Ceilings	10.07	<b>ALLOWANCE: This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc revisions.</b>  <b>NOTE: The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</b>	

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**SCOPE OF WORK**

For

**BID PACKAGE 11****Flooring**

All bids for the Flooring Bid Package 11 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

096513.....Resilient Base and Accessories

096519.....Resilient Tile Flooring

096813.....Tile Carpeting

Bid Phase	Bid Package	Scope Item	Description	
1	Flooring	11.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Release may be updated by future adjustments that will become part of said contractors' agreement.  <b>NOTE:</b> This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.	
1	Flooring	11.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Flooring	11.03	This TRADE CONTRACTOR shall be responsible for all layout work, field measuring, and field dimensioning associated with this Trade Contractor's work.	
1	Flooring	11.04	This TRADE CONTRACTOR shall provide and comply with all life safety OSHA standards and Pepper Construction's Safety procedures.	
1	Flooring	11.05	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	Flooring	11.06	This TRADE CONTRACTOR shall perform daily clean-up operations and shall comply with all Pepper and OSHA safety requirements especially including but not limited to PPE and fall protection.	
1	Flooring	11.07	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision, and/or <u>premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.</u>	
1	Flooring	11.08	This TRADE CONTRACTOR will replace and repair, at no additional cost, any construction damaged by this TRADE CONTRACTOR's field operations and/or personnel.	

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<b>1</b>	<b>Flooring</b>	11.09	This TRADE CONTRACTOR shall furnish all labor, material, tools required to provide a full and complete installation of all Resilient Tile, Carpet and Linoleum flooring including but not necessarily limited to layout, samples, patterns, binder bar, base, floor preparation, rubber wall base (at casework toe spaces, sides, etc.), coordination with expansion joint/ control joint/ isolation joint work, floor tile selection based on manufacturer's full range, all required accessories, in accordance with manufacturer's recommendation, final cleaning, furnish/ delivery & staging of attic stock, etc.	
<b>1</b>	<b>Flooring</b>	11.10	This TRADE CONTRACTOR shall provide all protection and cleaning as listed in the specifications.	
<b>1</b>	<b>Flooring</b>	11.11	This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all transitions as shown throughout the bid documents.	
<b>1</b>	<b>Flooring</b>	11.12	This TRADE CONTRACTOR shall be responsible to furnish and install rubber base, carpet tile, LVT, rubber stair treads, rubber floor tile, transitions, and walk off carpet shown on sheet A11.01 and throughout the bid documents.	
<b>1</b>	<b>Flooring</b>	11.13	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$50,000 in the base bid for floor prep and moisture mitigation.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
<b>1</b>	<b>Flooring</b>	11.14	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$5,000 in the base bid for misc removals and patching.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	

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**SCOPE OF WORK**

For

**BID PACKAGE 12****Painting**

All bids for the Painting Bid Package 12 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

099123.....Interior Painting

Bid Phase	Bid Package	Scope Item	Description	
1	Painting	12.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Painting	12.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Painting	12.03	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas scheduled for painting.	
1	Painting	12.04	This TRADE CONTRACTOR shall be responsible for all painting per the specification whether shown on the drawings or not. This TRADE CONTRACTOR shall be responsible to paint all items calling for paint on the bid documents.	
1	Painting	12.06	This TRADE CONTRACTOR shall paint all HM doors and frames on sheet A10.00.	
1	Painting	12.07	<b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include 40 man hours in the base bid value for misc. touch up painting above and beyond the punchlist.	
1	Painting	12.08	<b>ALLOWANCE: This TRADE CONTRACTOR shall include \$10,000 in the base bid for misc revisions.</b>  <b>NOTE: The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</b>	
1	Painting	12.08	<b>ALTERNATE 8&amp;9:</b> Added cost to paint drywall per 01 23 00.	

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**SCOPE OF WORK**

For

**BID PACKAGE 13****Fire Protection**

All bids for the Fire Protection Bid Package 13 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

079200.....Joint Sealants

Division 21.....Fire Suppression

Bid Phase	Bid Package	Scope Item	Description	
1	Fire Protection	13.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics and Phasing plan and Construction Schedule included within the project manual.</b>	
1	Fire Protection	13.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Fire Protection	13.02	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability and Professional Liability Insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Fire Protection	13.04	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	Fire Protection	13.05	This TRADE CONTRACTOR shall furnish and install a complete fire protection system as outlined in the construction documents and specifications. This TRADE CONTRACTOR is responsible for furnishing, all materials, skilled/licensed labor, coordination, lay-out, and installation requirements of all work for a complete and properly functioning fire protection system including but not limited to control panels, hose valves, pumps, alarm devices, Siamese connections, hydrants, test hydrants, gauges, hangers, heads, fire hose cabinets, fire hose valve cabinets, guards, flow alarms, flow detectors, backflow preventers, tamper switches, pressure switches, alarm bells, controllers, gauges, sight glasses, valves, alarm panels, transfer switches, grout, all welding certifications, and other items of work as indicated on construction documents and/or as shown in the plans and specifications.	
1	Fire Protection	13.06	This TRADE CONTRACTOR shall clean the streets on an ongoing basis of dirt and debris caused by this TRADE CONTRACTORS scope of work. Streets will be free of dirt and debris at <u>all</u> times. If this TRADE CONTRACTOR is unwilling to or unable to meet this	

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			requirement the CONSTRUCTION MANAGER will hire street sweeping and or labor to complete this scope of work even if the same day as the dirt and debris is generated and all costs will be back charged to this TRADE CONTRACTOR. This TRADE CONTRACTOR shall provide necessary signage and flaggers associated with this TRADE CONTRACTORS scope of work while working within the right-of-way.	
1	Fire Protection	13.07	This TRADE CONTRACTOR shall be responsible for coordinating with proper authorities and providing all testing as required in obtaining approval or acceptance of the CONSTRUCTION MANAGER, owner, inspection authorities and other agencies required. All tests must be conducted in the presence of the CONSTRUCTION MANAGER and/or other inspection authorities having jurisdiction.	
1	Fire Protection	13.08	This TRADE CONTRACTOR shall be responsible for all permits, fees, and tests associated with its scope of work. Including but not limited to trucking, street closure permits, parking permits, fire alarm, hydrostatic, hydraulic, flushes, pump start-up, and others not specified but required to provide a complete system. This TRADE CONTRACTOR shall be responsible for calling and coordination of all inspections need or required to complete its scope of work.	
1	Fire Protection	13.09	This TRADE CONTRACTOR shall prepare all submittals, calculations, design drawings, pipe hanger calculations, and shop drawings as specified in the documents and specifications including coordination drawings with the other MEP contractors. All design documents must be stamped by licensed professional engineer in the state of Illinois. All submittals, calculations, and designed shop drawings to be submitted and approved by Cary Fire Prevention.	
1	Fire Protection	13.10	This TRADE CONTRACTOR shall provide all sleeves and coring of walls, floors, etc., including caulking, patching of walls and floors, packing and safing of sleeves and openings as indicated on construction documents and/or specified. This TRADE CONTRACTOR shall protect all floor openings left in floors for passage of piping and other items. If this TRADE CONTRACTOR supplies sleeves for the mason to install then this TRADE CONTRACTOR shall provide drawings including locations and elevations for the sleeves to be installed.	
1	Fire Protection	13.11	This TRADE CONTRACTOR shall be responsible for fire stopping all thru wall penetrations in rated walls as indicated on construction documents and/or as specified in the project manual.	
1	Fire Protection	13.12	This TRADE CONTRACTOR shall be responsible for sprinkler piping, including loop, laterals, branch piping and sprinkler heads as indicated on construction documents and/or as specified.	
1	Fire Protection	13.13	This TRADE CONTRACTOR shall coordinate all piping to avoid conflicts with areas required for other trade contractor's work (i.e., light fixtures, ductwork, etc...).	
1	Fire Protection	13.14	This TRADE CONTRACTOR shall complete all pre-construction due-diligence required for the work of this trade contractor including but not limited to verification of adequacy and location of blocking/backing for attachments, installation, resolve/coordinate any conflicts with other work, and ensure proper clearances.	
1	Fire Protection	13.15	This TRADE CONTRACTOR shall be responsible for the furnish and install of any housekeeping pads required for its equipment not shown on the drawings.	
1	Fire Protection	13.16	This TRADE CONTRACTOR shall review and construct according to ALL of the construction documents pertaining to this scope of work and all other items/systems (IE: Electrical, Mechanical, Plumbing, Carpentry, Concrete, etc.) to be coordinated with this scope of work.  <b>NOTE:</b> This project will be coordinated using BIM. Please review exhibit K for more information.	
1	Fire Protection	13.17	This TRADE CONTRACTOR shall coordinate installation with all adjoining work and system's materials and tolerances pertaining to existing conditions and new construction as shown in the	

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			plans and specifications. <b>NOTE: Any tolerances or limitations more stringent than those pertaining to this TRADE CONTRACTOR's work shall prevail.</b>	
1	Fire Protection	13.18	This TRADE CONTRACTOR shall be responsible for protecting any and all Fire Protection materials and equipment on-site and as specified: prior to installation, during installation and/or until final acceptance by Construction Manager.	
1	Fire Protection	13.18	This TRADE CONTRACTOR shall perform daily clean-up operations and shall comply with all Pepper and OSHA safety requirements especially including but not limited to PPE and fall protection.	
1	Fire Protection	13.20	This TRADE CONTRACTOR shall be responsible for contacting jurisdictional inspection agencies (ie. local code enforcement, testing agency's) associated with the work of this Trade Contractor to: A) Schedule any and all required inspections so as not to delay project schedule, B) Complete all work required for acceptance of this Trade Contractors work by the jurisdictional inspecting agency (at no additional cost, including incidentals) and C) Submit all inspecting agency ruling related documentation/correspondence to Construction Manager before close of business the day of occurrence.	
1	Fire Protection	13.21	This TRADE CONTRACTOR shall provide all closeout documents, including but not limited to as-built drawings, extra material, attic stock, training, demonstration, reporting, test reports, service agreements, start up with manufacturer reps, warranties including any special warranties outlined in the specifications.	
1	Fire Protection	13.22	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision and/or premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.	
1	Fire Protection	13.23	The work of this trade contractor is limited to the interior portion of building and connections to the water services at a point 5' from the building shall be by the PLUMBING CONTRACTOR.	
1	Fire Protection	13.24	Any work needing to take place in the existing school must be done after school or on a weekend. This TRADE CONTRACTOR shall be responsible for all work associated with removing ceiling tile and grid and reinstalling to access any work above ceiling in the existing school where ceilings are not scheduled to be demolished. Any damage done to these ceilings will be replaced at the cost of this TRADE CONTRACTOR.	
1	Fire Protection	13.25	MEP-FP trades will cut/cap, make safe and drop to the ground. The DEMO CONTRACTOR will remove and haul off all of this and properly dispose of off site. <b>NOTE:</b> For all MEP-FP related work, these TRADE CONTRACTORS shall be responsible to spray paint/mark everything that is required to be removed <b>GREEN</b> and everything that is to remain <b>RED</b> . All fire alarm, low voltage, electrical cable/wire <b>MUST</b> be disconnected from the panel, etc and pulled back and coiled above the room the item of removal resided in and coiled above ceiling. <b>NOTE:</b> This TRADE CONTRACTOR shall make sure all areas of the school are always active and operational at all times unless previously approved by the school	
1	Fire Protection	13.26	This TRADE CONTRACTOR shall be responsible for all work, symbol lists, general notes, indexes, schedules, sheet notes, key notes, and details on sheets F0.00, FD1.01, F1.01, and F2.00	
1	Fire Protection	13.27	<b>ALLOWANCE: This TRADE CONTRACTOR shall include \$5,000 in the base bid for the BIM coordination leader.</b>  <b>NOTE: The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</b>	

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**SCOPE OF WORK**

For

**BID PACKAGE 14****Plumbing**

All bids for the Plumbing Bid Package 14 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

079200.....Joint Sealants

All Division 22 Specifications

Bid Group	Bid Package	Scope Item	Description	
1	Plumbing	14.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics plan and Construction Schedule included within the project manual.</b>	
1	Plumbing	14.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Plumbing	14.03	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Plumbing	14.04	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	Plumbing	14.05	This TRADE CONTRACTOR shall responsible to install valves and other accessible devices in locations that are ACCESSIBLE. This TRADE CONTRACTOR shall be responsible to furnish and install access panels as necessary.	
1	Plumbing	14.06	This TRADE CONTRACTOR shall be responsible for layout of all plumbing fixtures.	
1	Plumbing	14.07	This TRADE CONTRACTOR shall be responsible for all pipe identification and valve tagging as required and indicated on drawings. Final valve tag list and as-built documentation will reflect the final room numbers as designated by the Owner.	
1	Plumbing	14.08	This TRADE CONTRACTOR is responsible for firestopping at all penetrations.	
1	Plumbing	14.09	This TRADE CONTRACTOR shall be responsible for all sleeves and coring of walls, floors, roofs, etc. including caulking, packing, grouting, sealing and/or firesafing of sleeves, openings and other items as required. This Trade Contractor shall provide safety protection at all openings left in floors for passage of piping and other items. Any additional cutting or patching necessitated by this Trade Contractor's failure to properly locate and coordinate sleeves and coring shall be completed at the expense of this Trade Contractor.	

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1	Plumbing	14.10	This TRADE CONTRACTOR is responsible for shop drawings, layout, and field layout of piping concrete contractor. Plumbing Trade Contractor shall also provide dedicated shop drawings for shear wall openings, masonry openings, slab openings and penetrations. This drawing shall indicate the size of openings and shall locate the openings with respect to column lines. This TRADE CONTRACTOR shall be responsible for furnishing, lay-out, and installation of all plumbing fixtures including water closets, lavatories, sinks, urinals, water coolers, mop sink basins, and other plumbing fixtures and appurtenances, including trim, faucets, drains, etc. unless otherwise noted, as listed in the specifications and shown on the construction documents.	
1	Plumbing	14.11	This TRADE CONTRACTOR shall be responsible for all below grade, above grade rough and finish plumbing according to the drawings, specifications and contract documents including but not limited to all piping, hangers, valves, insulation, etc. with all work to be completed per applicable codes and standards.	
1	Plumbing	14.12	This TRADE CONTRACTOR shall be responsible for all clip hangers, angles, and miscellaneous metal of any nature, which is required for the work of this TRADE CONTRACTOR.	
1	Plumbing	14.13	This TRADE CONTRACTOR shall be responsible for ALL final adjustments of floor drains/clean-outs to accommodate the various types of floor finishes for a neat and tight finish.	
1	Plumbing	14.14	This TRADE CONTRACTOR shall include all insulation required for their work including all CW, HW, HWR and horizontal storm lines as indicated on construction documents and/or as specified in the project manual.	
1	Plumbing	14.15	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision and/or <b><u>premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.</u></b>	
1	Plumbing	14.16	This TRADE CONTRACTOR shall review and become familiar with ALL documents included in this bid group. This Trade Contractor shall furnish, install, complete and/or otherwise comply with all associated Plumbing work and requirements shown on the plans and specifications.	
1	Plumbing	14.17	This TRADE CONTRACTOR shall be responsible for taking appropriate measures to protect existing conditions including but not necessarily limited to all new and existing construction, utilities, perimeter landscaping, curbs, gutters, drives and walks, buildings, light poles, hydrants, etc. from damage that may be caused by this work.	
1	Plumbing	14.18	This TRADE CONTRACTOR shall construct in accordance with ALL of the construction documents pertaining to this scope of work and all other items/systems (IE: Controls, HVAC, Electrical, FP, roofing, carpentry, etc.) to be coordinated with this TRADE CONTRACTOR's scope of work.	
1	Plumbing	14.19	All systems will be chlorinated and disinfected in accordance with the Illinois Safe Drinking Water Standards. This TRADE CONTRACTOR shall be responsible for all coordination with the Illinois State Plumbing Inspector and <b><u>MUST</u></b> ensure that all inspections are scheduled in advance in order to keep all construction schedules accurate and on time. It should be assumed that all inspections will take 2 weeks to schedule with the State Plumbing Inspector, plan accordingly. This TRADE CONTRACTOR shall be responsible for all work associated with checking the temperature at <b><u>ALL</u></b> sinks, showers, etc throughout the entire school prior to the state plumbing inspectors inspections. Any repairs prior to inspection will be addressed via allowances.	
1	Plumbing	14.20	All piping shall have pipe markers showing the type of service in them. All valves shall be tagged with a directory mounted in boiler room under glass and one copy furnished to the Owner.	
1	Plumbing	14.21	This TRADE CONTRACTOR shall be responsible for all work associated with the removal of ceiling tiles and grid as needed in areas that require access to complete this scope of work when ceilings are not scheduled to be removed per the bid documents. All costs associated to repair/replace ceiling tiles or grid damaged by this TRADE CONTRACTOR shall be replaced at this TRADE CONTRACTOR'S expense. Ceiling shown to be removed/replaced on the bid documents is by OTHER.	
1	Plumbing	14.22	This TRADE CONTRACTOR shall be responsible for all standard drain tile notes on sheet C-01.	
1	Plumbing	14.23	This project will be coordinated using BIM. Please review exhibit K for more information.	
1	Plumbing	14.24	MEP-FP trades will cut/cap, make safe and drop to the ground. The DEMO CONTRACTOR will remove and haul off all of this and properly dispose of off site. NOTE: For all MEP-FP related work, these TRADE CONTRACTORS shall be responsible to spray paint/mark everything that is required to be removed <b>GREEN</b> and everything that is to remain <b>RED</b> . All fire alarm, low voltage, electrical cable/wire <b>MUST</b> be disconnected from the panel, etc and pulled back and coiled above the room the item of removal resided in and coiled above ceiling. <b>NOTE:</b> This TRADE CONTRACTOR shall make sure all areas of the school are always active and	

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			operational at all times unless previously approved by the school	
<b>1</b>	Plumbing	14.25	This TRADE CONTRACTOR shall be responsible for all work, symbol lists, schedules, general notes, details, and material listss shown on sheets P0.00, PD1.00, PD1.01, P1.00, P1.01, P1.02, and P2.00.	
<b>1</b>	Plumbing	14.26	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$10,000 in the base bid for misc revisions.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
<b>1</b>	Plumbing	14.26	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$5,000 in the base bid for the BIM coordination leader.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	

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**SCOPE OF WORK**

For

**BID PACKAGE 15****HVAC**

All bids for the HVAC Bid Package 15 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

079200.....Joint Sealants

All Division 23 Specifications

Bid Group	Bid Package	Scope Item	Description	
1	HVAC	15.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics plan and Construction Schedule included within the project manual.</b>	
1	HVAC	15.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	HVAC	15.03	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance, Rigging Insurance, and cyber insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	HVAC	15.04	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	HVAC	15.05	This TRADE CONTRACTOR shall be responsible for the selective demo, coring, etc. of all openings required to accommodate HVAC penetrations/openings (i.e. dampers, transfer ducts, pipe penetrations, etc...) in floors and walls that are not explicitly shown on the Architectural sheets. This TRADE CONTRACTOR shall provide caulking, packing, grouting and sealing of sleeves, openings, and other items pertaining to this TRADE CONTRACTOR's work. This Trade Contractor shall protect and make safe all openings created by this trade contractor for passage of piping and other items. This TRADE CONTRACTOR shall be responsible for all work in all details on sheet G3.00.	
1	HVAC	15.06	This TRADE CONTRACTOR shall be responsible for sealants/caulk for the following: joints between sheet metal and masonry/precast, sheet metal casings, filter frames and all other locations where required to eliminate leakage and/or noise. Block off around all coils and filters to prevent air leakage with galvanized metal with required bracing for stiffeners and prevention of vibration according to the drawings, specifications and contract documents. This TRADE CONTRACTOR shall be responsible for all required firestopping.	
1	HVAC	15.07	This TRADE CONTRACTOR shall furnish and install all gas service piping including valves as required by code from meter shut off valves to all equipment requiring gas connections and shut off valves (if applicable). This TRADE CONTRACTOR shall also be responsible for furnishing and installing any and all pressure regulators with vents to the atmosphere as required whether	

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			shown and specified on the drawings or not.	
1	HVAC	15.08	This TRADE CONTRACTOR shall be responsible for the installation of smoke detectors in duct work and any connections/interface with HVAC systems, smoke duct detectors supplied by ELECTRICAL CONTRACTOR. This TRADE CONTRACTOR shall coordinate the locations with ELECTRICAL CONTRACTOR. This TRADE CONTRACTOR shall be responsible for hardwiring fan shut down from duct smoke detectors.	
1	HVAC	15.09	This TRADE CONTRACTOR shall be responsible for furnishing and installing instrumentation and control items in duct work and piping for temperature control. This Trade Contractor shall coordinate the locations with Construction Manager.	
1	HVAC	15.10	This TRADE CONTRACTOR shall furnish and install all curbs and associated materials (ie. vibration isolators) required for all roof top equipment according to the drawings, specifications and contract documents.	
1	HVAC	15.11	This TRADE CONTRACTOR shall furnish and install any and all louvers and fire dampers including connection angles and miscellaneous attachments for the tie-ins according to the drawings, specifications and contract documents.	
1	HVAC	15.12	This TRADE CONTRACTOR shall furnish and install all ventilation, heating, and cooling equipment and assemblies including but not limited to all Return fans, Wall Mounted Radiators, Exhaust Fans, VAV boxes, Energy Recovery Units, Duct Free Split systems, pumps, unit heaters, radiant ceiling panels, fan powered boxes, unit ventilator maintenance/cleaning, combination dampers, all gas piping assemblies, Glycol Fill Systems, Flue piping, Expansion tanks, Hot water pumps, Chilled Water Pumps, VFD's, intakes, Hydronic Accessories, roof guard pads, Refrigerant reclaim and replaced per spec (i.e 25% propylene glycol, etc.), pipe roller assemblies and saddles, kitchen hood/exhauster assemblies (if applicable), etc., as necessary for a complete HVAC system according to the drawings, specifications and contract documents.	
1	HVAC	15.13	This TRADE CONTRACTOR shall be responsible for protecting any and all HVAC related materials and equipment on-site and as specified: prior to installation, during installation and/or until final acceptance by Construction Manager. This TRADE CONTRACTOR shall provide temporary protection of all HVAC equipment, ductwork, and piping during construction according to the specifications. This shall include but is not limited to sealing all open ends of ductwork at all times to prevent dirt and dust from entering this ductwork. This shall apply to ductwork being stored on site prior to installation as well as the ductwork after it is installed. Open ends of fan powered boxes where the filter is shall also be protected. Failure to adequately protect ductwork will result in the trade contractor being back-charged for any duct cleaning that will be required. Where equipment needs to be installed prior to the building being "watertight" this trade contractor shall provide, install, and maintain protection for this equipment (i.e. temp-ins at roof curbs).	
1	HVAC	15.14	This TRADE CONTRACTOR shall be responsible to keep the building water tight after existing equipment on the roof is removed and/or after new equipment is set until the roofing contractor is back onsite to roof/flash around equipment and voids. Any water damage below due to areas not being water type shall be this TRADE CONTRACTORS responsibility to repair.	
1	HVAC	15.15	This TRADE CONTRACTOR shall be responsible for all starters not shown as provided and installed by the electrical trade contractor. This Trade Contractor shall be responsible for providing combination starter/disconnect for all three phase equipment that does not run continuously according to the drawings, specifications and contract documents.	
1	HVAC	15.16	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision and/or <b><u>premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.</u></b>	
1	HVAC	15.17	This TRADE CONTRACTOR shall review and become familiar with ALL documents included in this bid group. This Trade Contractor shall furnish, install, complete and/or otherwise comply with all associated HVAC work and requirements shown on the plans and specifications.	
1	HVAC	15.18	This TRADE CONTRACTOR shall be responsible for and compliant with all specified requirements including but not limited to all: Performance Requirements, Submittals, QA, Testing, Training, QC, coordination, and Extra Materials specified and pertaining to this trade contractor's work as noted in the plans and specifications. This TRADE CONTRACTOR shall furnish all operating and maintenance manuals to CONSTRUCTION MANAGER (2) weeks prior to the scheduled substantial completion date. <b>NOTE: This TRADE CONTRACTOR's Guarantee/warranty period of equipment and HVAC system</b>	

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			<b>will not start until after substantial completion acceptance, including any and all equipment utilized before final acceptance.</b>	
1	HVAC	15.19	<p>This TRADE CONTRACTOR shall be responsible for contacting jurisdictional inspection agencies (i.e. local code enforcement, testing agency's) associated with the work of this Trade Contractor to:</p> <p>A) Schedule any and all required inspections so as not to delay project schedule,  B) Complete all work required for acceptance of this Trade Contractors work by the jurisdictional inspecting agency (at no additional cost, including incidentals) and  C) Submit all inspecting agency ruling related documentation/correspondence to Construction Manager before close of business the day of occurrence.</p> <p><b>NOTE: This TRADE CONTRACTOR shall provide required out-of-sequence and/or additional testing and balancing of HVAC systems to permit expedited completion of partitions, ceilings and other work, including furnishing and installing additional valves as required to complete the balancing and testing of work according to the drawings, specifications and contract documents. This TRADE CONTRACTOR will be responsible for furnishing, installing and maintaining MERV13 filtration on the return air inlet of the fan powered boxes and locking the VAV dampers closed in these units for the purposes of temporary heat. Filters shall be changed regularly as required by this TRADE CONTRACTOR and a new set of filters shall be installed at substantial completion not included in what is required to be provided as attic stock.</b></p>	
1	HVAC	15.20	This TRADE CONTRACTOR shall be responsible to provide its own project layout according to the drawings, considering the benchmark locations and elevations that will be given by the Construction Manager.	
1	HVAC	15.21	This TRADE CONTRACTOR shall perform daily cleanup operations and shall comply with all Pepper and OSHA safety requirements especially including but not limited to crane safety, PPE, and fall protection.	
1	HVAC	15.22	This TRADE CONTRACTOR shall be responsible for all work associated with cutting/coring all openings in new or existing walls and floors.	
1	HVAC	15.23	<p>This TRADE CONTRACTOR shall be responsible for all work associated with the removal of ceiling tiles and grid as needed in areas that require access to complete this scope of work when ceilings are not scheduled to be removed per the bid documents. All costs associated to repair/replace ceiling tiles or grid damaged by this TRADE CONTRACTOR shall be replaced at this TRADE CONTRACTOR'S expense.</p> <p>Ceiling shown to be removed/replaced on the bid documents is by OTHER.</p>	
1	HVAC	15.24	All Conduit for temperature controls/BAS shown throughout the bid documents is by the ELECTRICAL Contractor. Any conduit required, but not shown on the bid documents is by this TRADE CONTRACTOR.	
1	HVAC	15.25	<p>MEP-FP trades will cut/cap, make safe and drop to the ground. The DEMO CONTRACTOR will remove and haul off all of this and properly dispose of off site.</p> <p>NOTE: For all MEP-FP related work, these TRADE CONTRACTORS shall be responsible to spray paint/mark everything that is required to be removed <b>GREEN</b> and everything that is to remain <b>RED</b>. All fire alarm, low voltage, electrical cable/wire MUST be disconnected from the panel, etc and pulled back and coiled above the room the item of removal resided in and coiled above ceiling.</p> <p><b>NOTE:</b> This TRADE CONTRACTOR shall make sure all areas of the school are always active and operational at all times unless previously approved by the school</p>	
1	HVAC	15.25	This project will be coordinated using BIM. Please review exhibit K for more information.	
1	HVAC	15.25	<p>This TRADE CONTRACTOR shall be responsible for all work associated with all work, lists, keys, schedules, general notes, pre and post construction notes, key notes, notes, details, descriptions, sequence of operations, and schedules as shown on sheets M0.00, MD1.01, MD1.02, MD1.11, M1.01, M1.12, M1.11, M2.00, M3.00, M3.01, M4.00, M4.01, and M5.00.</p> <p><b>NOTE:</b> This TRADE CONTRACTOR must provide a pre-test and balance down stream of demo.</p>	
1	HVAC	15.26	<p>MCC is prepurchasing all RTU equipment and plus all controls (BAS) from Trane. This TRADE CONTRACTOR shall coordinate all work with Trane and receive, inventory, hoist, and install both RTUs. Please review 00 65 02 Exhibit A for TRANE'S scope of work. All components listed as "Field Installed" shall be installed by this CONTRACTOR. Anything not specifically listed in Exhibit A shall be furnished and installed by this TRADE CONTRACTOR. All work shall be coordinated with Patrick Heneberry of Trane. Call his cell (630) 930-2551 or <a href="mailto:Patrick.heneberry@trane.com">Patrick.heneberry@trane.com</a>.</p>	

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			This TRADE CONTRACTOR shall be responsible for receiving, inventorying, and installing both RTUs. This TRADE CONTRACTOR shall provide all attic stock. This TRADE CONTRACTOR shall include a labor warranty matching specifications. This TRADE CONTRACTOR, shall provide start up, commissioning, etc. Demolition of existing is by this TRADE CONTRACTOR.	
1	HVAC	15.27	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$15,000 in the base bid for misc revisions.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	HVAC	15.28	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$5,000 in the base bid for the BIM coordination leader.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	

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## SCOPE OF WORK

For

### BID PACKAGE 16

# Electrical and Low Voltage

All bids for the Electrical and Low Voltage and Low Voltage Bid Package 16 must be inclusive of, but not necessarily limited to, all requirements outlined in the All Scope of Work as well as the trade specific requirements outlined below:

#### Specifications

The following listed Specification Sections as well as any other related Documents or Specification Sections are included:

079200.....Joint Sealants

All Division 26 Specifications

All Division 27 Specifications

All Division 28 Specifications

Bid Group	Bid Package	Scope Item	Description	
1	Electrical	16.01	This TRADE CONTRACTOR shall perform under guidelines of phasing and scheduling. The schedule contained in this Bid Group may be updated by future adjustments that will become part of said contractors' agreement. <b>NOTE: This TRADE CONTRACTOR shall perform all work in accordance with the Site Logistics plan and Construction Schedule included within the project manual.</b>	
1	Electrical	16.02	All mobilizations and demobilizations related costs of this TRADE CONTRACTOR are to be included without consideration of additional compensation.	
1	Electrical	16.03	<b>This TRADE CONTRACTOR shall be responsible to provide Contractor's Pollution Liability Insurance and cyber insurance. Please see Exhibit C for Insurance Requirements included in the project manual.</b>	
1	Electrical	16.04	This TRADE CONTRACTOR shall provide all necessary lifts/scaffolds to reach all areas required by this scope of work. This TRADE CONTRACTOR shall provide all manpower, tools, equipment, accessories, and hoisting required to complete its scope of work. Including any on site storage for this TRADE CONTRACTORS materials and equipment.	
1	Electrical	16.05	This TRADE CONTRACTOR shall be responsible for all required firestopping.	
1	Electrical	16.06	This TRADE CONTRACTOR to provide sufficient equipment, material, skilled manpower, supervision and/or <b>premium time/shift work (all without additional compensation) as may be required to complete the work of this Trade Contractor in accordance with the overall project schedule.</b>	
1	Electrical	16.07	This TRADE CONTRACTOR shall review and become familiar with ALL documents included in this bid group. This Trade Contractor shall furnish, install, complete and/or otherwise comply with all associated Electrical work and requirements shown on the plans and specifications.	
1	Electrical	16.08	This TRADE CONTRACTOR shall be responsible to provide its own project layout according to the drawings.	
1	Electrical	16.09	This TRADE CONTRACTOR shall perform daily cleanup operations and shall comply with all Pepper and OSHA safety requirements especially including but not limited to crane safety, PPE, and fall protection.	
1	Electrical	16.10	This TRADE CONTRACTOR shall be responsible for furnishing and installing all materials, skilled and/or licensed labor, coordination, equipment, tools, etc. to complete all aspects of this trade	

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			contractor's work for the complete electrical package including but not limited to power, manufactured wiring assemblies, grounding and bonding, raceways and boxes, identification, occupancy sensors, utility services, switchboards, panelboards, wiring devices, fuses, enclosed switches, enclosed controllers, generators, temporary power, surge protective devices, interior lighting, exterior lighting, site lighting, emergency lighting, exit lighting, temporary lighting, transformer(s), disconnects, miscellaneous equipment/motor wiring, fire alarm systems, pull stations, audio/visual signals, joint sealants, fire resistive joint systems, and other specified requirements for a complete, conforming and operable system as shown/stated in the plans and specifications and delivered per the project schedule	
1	Electrical	18.11	This TRADE CONTRACTOR shall be responsible for furnishing, layout, and installation of all electrical components including but not limited to: conduit, boxes, wiring, light fixtures, lamps, exit signs, panels, transformer(s), switchgear, transfer switches, dimming equipment, outlets, switches, plates, VFD's (install), etc., and any other electrical/lighting components as required within the specifications and as indicated on drawings.  This TRADE CONTRACTOR shall be responsible for all conduit rough in for access control, security, voice/data, temp. controls/BAS and fire alarm low voltage equipment and devices including conduit, pull string and junction boxes as required within the specifications and as indicated on drawings and specifications. All fire alarm conduit shall be red. Any conduit required for Temp. controls/BAS, but not shown on the bid documents in by the HVAC CONTRACTOR.	
1	Electrical	16.12	This TRADE CONTRACTOR shall be responsible for providing all items for support of contractor's work, including all clip hangers, angles, and miscellaneous metal of any nature as required within the specifications and indicated on drawings. This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of all required pipe roller supports as required on the roof for all electrical work.	
1	Electrical	16.13	This TRADE CONTRACTOR shall be responsible for all electrical requirements for electric door strikes, magnetic hold-opens, ADA push buttons, locks and other hardware as indicated on the architectural door schedule whether shown on the Electrical plans or not. Hardware and power supplies is by OTHER.	
1	Electrical	16.14	This TRADE CONTRACTOR shall be responsible for coordination with other trade contractors to obtain wiring diagrams and power requirements for equipment furnished by OTHER, prior to wiring same in the field.	
1	Electrical	16.15	This TRADE CONTRACTOR shall be responsible for all directory label charts, along with identification and tagging requirements of work as required within the specifications and as indicated on the drawings, per Construction Manager's direction (verify numbering and tagging sequence with Construction Manager). This TRADE CONTRACTOR shall provide a directory in every panel.  <b>NOTE: This TRADE CONTRACTOR shall verify the room numbers shown on the bid documents are FINAL ROOM NUMBERS before finalizing panel schedules. All final panel schedules shall be based on these final room numbers and not necessarily the room numbers on the A sheets.</b>	
1	Electrical	16.16	This TRADE CONTRACTOR shall be responsible for costs associated with Fire Department's/B&F Technical's review of fire alarm drawings.	
1	Electrical	16.17	This TRADE CONTRACTOR shall be responsible for all work associated with the removal of ceiling tiles and grid as needed in areas that require access to complete this scope of work when ceilings are not scheduled to be removed per the bid documents. All costs associated to repair/replace ceiling tiles or grid damaged by this TRADE CONTRACTOR shall be replaced at this TRADE CONTRACTOR'S expense. Ceiling shown to be removed/replaced on the bid documents is by OTHER.	
1	Electrical	16.18	Any required shut downs <b>MUST</b> be performed on second shift or weekends as previously coordinated with each school and approved in advance.	
1	Electrical	16.19	This TRADE CONTRACTOR shall be responsible for all work associated with hooking up power/electrical to Pepper's construction trailer shown on the site logistics plan.	
1	Electrical	16.20	This TRADE CONTRACTOR shall be responsible for all work associated with providing temp power and lighting throughout the jobsite.	
1	Electrical	16.21	This TRADE CONTRACTOR shall be responsible for all work associated with disconnection and dropping onsite of light poles for haul off by OTHER.  MEP-FP trades will cut/cap, make safe and drop to the ground. The DEMO CONTRACTOR will remove and haul off all of this and properly dispose of off site. This TRADE CONTRACTOR shall be responsible to remove items all the way back to the panels and coil up above ceiling.  <b>NOTE: For all MEP-FP related work, these TRADE CONTRACTORS shall be responsible to spray</b>	

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			<p>paint/mark everything that is required to be removed <b>GREEN</b> and everything that is to remain <b>RED</b>. All fire alarm, low voltage, electrical cable/wire <b>MUST</b> be disconnected from the panel, etc and pulled back and coiled above the room the item of removal resided in and coiled above ceiling.</p> <p><b>NOTE:</b> This TRADE CONTRACTOR shall make sure all areas of the school are always active and operational at all times unless previously approved by the school.</p> <p><b>NOTE:</b> This TRADE CONTRACTOR shall remove and salvage projectors and turn off to the owner. Transmittal signed by the owner is required. This TRADE CONTRACTOR shall be responsible to furnish and install of all projection screens as shown on sheet A2.01 and throughout the bid documents</p>	
1	Electrical	16.22	<p>This TRADE CONTRACTOR shall be responsible for all work, keys, notes, lists, general notes, keynotes, details, riser diagrams, diagram notes, schedules, sequence of operations, panel schedules, and references as shown on sheets E0.00, ED1.01, E1.00, E1.01, E.1.02, E1.03, E1.04, E3.00, E4.00, E5.00, E6.00, and all T Drawings</p>	
1	Electrical	16.23	<p>This project will be coordinated using BIM. Please review exhibit K for more information.</p>	
1	Electrical	16.24	<p>This TRADE CONTRACTOR shall be responsible for all work associated with the furnish and install of Lighted bollards as reflected in Keynotes 1 on sheet C-04 and throughout the bid documents.</p>	
1	Electrical	16.25	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$15,000 in the base bid for misc revisions.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	Electrical	16.26	<p><b>ALLOWANCE:</b> This TRADE CONTRACTOR shall include \$5,000 in the base bid for the BIM coordination leader.</p> <p><b>NOTE:</b> The cost of coordination, supervision, overhead, and profit for any such work shall be included in the bidder's cost, as it is not included in this listed allowance value. All allowance work will be completed only in the direction of PCC. All allowances not expended will be returned to the Owner 100%.</p>	
1	Electrical	16.27	<p>ALTERNATE 2: Delete lights per 01 23 00.</p>	
1	Electrical	16.28	<p>ALTERNATE 3: Deductive to eliminate the electrical and AV at the North planter beds only on sheet C-04 and S3.00.</p>	
1	Electrical	16.29	<p><b>ALTERNATE 4:</b> Deductive cost to eliminate bollards per 01 23 00.</p>	
1	Electrical	16.30	<p><b>ALTERNATE 5:</b> Deductive cost to eliminate tree lights per 01 23 00.</p>	
1	Electrical	16.31	<p><b>ALTERNATE 6:</b> Deductive cost to eliminate backlit signage per 01 23 00.</p>	
1	Electrical	16.32	<p><b>ALTERNATE 7:</b> Deductive cost to eliminate electrical roller shades per 01 23 00.</p>	

**End of Section 003200**

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