



Addendum #1 Hamilton East Public Library 2025 Renovation

Date: September 29, 2025
Project: Hamilton East Public Library – 2025 Renovation
Project #: 25022
Pages: 35
Bid Dates: **October 9, 2025 at 2:00 pm (local time)**

General Note:

The original Specifications and Drawings dated September 19, 2025 for the project referenced above are amended as noted in this Addendum No. 1. Receipt of this Addendum and any subsequent Addenda must be acknowledged on the Bid Form. Items changed or added by this addendum are to take precedence over the items or descriptions of the work in the project manual and the drawings. Items not mentioned in this addendum are to remain as described in the original plans and specifications.

Specifications Items:

Section 01 12 00 Bid Package Scopes of Work

1. DELETE previously issued 01 12 00 Section and REPLACE with 01 12 00 Section issued with this addendum.

Section 01 23 00 Alternates

2. REVISE alternate number 8 as follows:
H. Alternate No. 8 - Wood Flooring:
 1. At Fishers Library, provide the change in price to provide RF-1 in lieu of WDF-1 in Meeting Room 180 as noted on the Drawings. Base bid shall include providing WDF-1 in Meeting Room 180.
3. ADD Alternate Number 9 as follows:
I. Alternate No. 9 - Telecom:
 1. At Fishers Library, provide the change in price to power and data to television displays in Central Reading Zone 156B as noted on the Drawings. Base bid shall omit the TV infrastructure.

Section 01 50 00a Temporary Facilities Matrix

4. ADD Section 01 50 00a Temporary Facilities Matrix per the attached.

Drawing Set Items:

Sheet F-E6-01 – Schedules - Electrical

1. Revise allowances and fixture descriptions for fixture types 'F53A', 'F53B', 'F54A' and 'F54B' as indicated on the attached.
2. Add fixture type 'F02C' as indicated on the attached.



**Addendum #1
Hamilton East Public Library
2025 Renovation**

Attachments:

1. Reissued Sheet F-E6-01 Schedules – Electrical
2. A copy of the Pre-Bid Meeting sign-in sheet is attached to this addendum.

END

AVAILABLE PROJECT INFORMATION

The following Pre-Bid RFI's & Question Log is being made available to bidders for informational purposes only and is not part of the addendum. Formal issuance and finalization of RFI/Question Log to be issued in future addendum.

SECTION 01 12 00 – BID PACKAGE SCOPES OF WORK

Contents:

1. PART A
 - a. General Scope Items – Applies to ALL Bid Packages
2. PART B

BID PACKAGES/BID PACKAGE SPECIFIC SCOPES

- a. Bid Package #1 – General Trades
- b. Bid Package #2 – Framing, Drywall, & Ceilings
- c. Bid Package #3 – Glass & Glazing
- d. Bid Package #4 – Flooring
- e. Bid Package #5 – Fire Suppression
- f. Bid Package #6 – Plumbing
- g. Bid Package #7 – HVAC
- h. Bid Package #8 – Electrical & Special Systems

A. General Scope Items: (Applies to **ALL Bidders & Bid Packages)**

1. For all items listed withing the documents the term(s) Bidder's, Bidder, Contractor, Bid Package, Trade, etc. shall apply to all bidders. Within each Specific Bid Package Scope Specific (Part B) section the same applies to that specific bid package and all their lower tier subcontractors/vendors.
2. All Bid Packages are required to include a 100% Material & Labor Payment Bond. The cost shall be included within each Bid Package Bid.
3. For all items listed below and terms "include" and "provide" mean "furnish and install" unless noted otherwise.
4. Reference and include additions/changes/deletions per updated/addenda documents issued from the Architect/Engineers.
5. In addition to the Contract Drawings, bidders shall include but not be limited to the following items: Specification Sections: Project Manual/Specification Section (Complete), Division 00 (Complete) and Division 01 (Complete).
6. All work necessary for the completion of the project, as documented both in Drawings, Specifications, Scope of Work, and Project Manual. Review/Incorporate entire drawing set, general notes, and plan notes, which refer to each bidder's scope of work.
7. All items listed below are to assist in coordination for bidder's scope. It will be the bidder's responsibility to coordinate their scope of work with the contract documents.
8. Any notes on the drawings or specifications that describe responsibility for work shall not be utilized, exclusively, for determining scope of work requirements (e.g., "by general contractor" or "by electrical contractor"). These notes shall not be used to limit or exclude any scope of work. Responsibility for work shall be as indicated in this scope of work. In the event the responsibility is undefined in the Bid Package Scope of Work, the drawings and specifications shall be followed.
9. Throughout items listed below, many specific detail references are identified for informational purposes. The detail references do not limit the scope of work and serve only to describe the scope of work for inclusion of all similar details within the bid for each Bid Package/Scope.
10. Provide all trade specific permits, fees, inspection costs associated with this scope of work (as applicable). Primary building permit will be provided by others.
11. **All Contractors and Sub-contractors for IDOA Public Works projects valued at over \$300,000 MUST be pre-qualified through the Public Works Certification Board, prior to bid submission or will be grounds for bid to be rejected as non-responsive.** Pre-qualification requires submission of an application for review by the Public Works Certification Board members. The Prime Bidder is REQUIRED to submit a copy of their current IDOA Certification with the Bid.
12. Include approved licensing required to work in the project location, both local and state.
13. This project does NOT require prevailing, Davis-bacon nor union wages.
14. **This project is Tax Exempt.**

15. Review and include as they may apply the “Alternate” and “Allowance” sections of the contract documents. Refer to Applicable Allowance and Alternate specification sections for additional information.
16. Each Prime Contractor / Bid Package shall be responsible for including an onsite Field Superintendent for supervision and coordination, at all instances where either self-perform or subcontract work that is under this Bid Package’s scope of work is present on site. This includes receiving and unloading materials.
17. Contractor shall reference Specification Section 00 89 13 Preliminary Construction Schedule that will be issued via addendum. Bidders shall include required mobilizations and manpower to complete the scope of work as indicated.
18. When working on, near, or adjacent to finished or existing surfaces to remain, protect those surfaces from damage. Damages caused will be repaired at the cost of the trade contractor/bidder causing the damage and not the Owner or Meyer Najem.
19. Each Contractor is responsible for means and methods of performing their work. Each trade is responsible for providing all construction accessories, equipment, tools, access/aerial aids, etc. to perform their work. Bidders are responsible for reviewing and understanding existing conditions and construction phasing.
20. Any contractor which desires to put a trailer or store material on site must do so with the approval of the Construction Manager, and at location as directed by Meyer Najem. (Cost of installing, disconnecting and usage of any electricity shall be borne by trade contractor / bidder requiring such services)
21. Refer to Specification Section 01 14 00 – Work Restrictions and Hours. Bidders shall take all precautions to not impact or disrupt the operations of adjacent buildings/properties. All work must accommodate the required access and egress to the existing buildings/properties. All pedestrian and vehicles egress and access that are adjacent to the work of this project shall be continuously maintained throughout the duration of this work. Each Bidder is responsible for providing their own traffic control measures as necessary/required.
22. Bidders shall perform all work in strict accordance with Project Requirements and all OSHA Rules and Regulations, and Silica Standard for Construction 1926.1153.
23. Bidders are responsible to purchase (as many as needed) their own set of construction documents for the construction of the project through the duration of the project (as needed).
24. Provide daily and routine cleaning as outlined in Specification Sections 01 50 00 and 01 74 19.
25. Contractors shall clean their work area daily. Failure to perform this task and debris that is left by the contractor or the contractor’s subcontractor, the said contractor that created the debris will be responsible for the hourly rate cost for MNC to remove the debris.
26. All project personnel are required to check in with MNC’s Site Superintendent upon mobilizing to site, sign in and watch a Safety Video.
27. All bidders and bidder’s subcontractors, etc. will be required to check-in with Meyer Najem’s Site Superintendent prior to work activities of each individual day.

28. Each Contractor shall provide handrails, flagging, signage, spotters, etc. and they shall be in place for the duration of the fall hazard created as needed by each Contractor. Contractor is responsible for all temporary fall protection measures and signage to comply with OSHA requirements.
29. This Library is a tobacco, vaping, alcohol, and drug free institution / workplace and is strictly prohibited. All workers while on the property shall adhere to this rule. Any violators will be removed from the premise.
30. Each Contractor is responsible for their own materials, labor, accessibility, tools, equipment, hoisting, aerial aids etc. to perform their full scope of work.
31. Each Contractor is responsible for providing field engineering and surveying for their own scope of work, including all horizontal and vertical control, as required. Provide all layout for this scope of work.
32. Escalation costs for all labor, materials, equipment, and consumables shall be included in the bid pricing, based upon the anticipated project schedule.
33. Removal of all refuse, dirt, dust, and debris associated with or adjacent to the work area by each bidder to dumpsters provided by others, except as outlined below. These dumpsters will be located on-site by the Meyer Najem Superintendent.
34. Every trade/contractor while on site is responsible and required to monitor and maintain the cleanliness of treads and tires on equipment and vehicles being used for material delivery, handling and/or installation, prior to moving across roadways. Should any debris, dirt etc. be tracked out of the work site, and it is determined by Meyer Najem that you are the responsible party, you will be required to provide proper removal and cleanup.
35. Bidders shall include all required labor for pre-checkout, start-up, and commissioning of equipment.
36. Supports, Unistrut, wood blocking and other items that are not explicitly shown in the drawings shall be included by the contractor requiring the support, etc. Wood blocking and backing indicated on the drawings, or required at walls and ceilings, etc. to provide a complete and functioning installation of the equipment shall be provided by Bid Package #2 Framing, Drywall, & Ceilings.
37. It is the responsibility of each bidder to provide clean materials and equipment at the time of project turnover.
38. Contractors will be subject to the following media and promotional guidelines as they apply to the project. Company Logos will not be allowed on materials, trailers, fencing, storage facilities, etc. unless approved in writing by the Owner and Meyer Najem. Furthermore, contractor or contractor's subcontractors are not permitted to advertise or feature the project by website, television, newspaper, magazine, social media or any other promotional or media output unless specifically approved in writing by the Customer and the Meyer Najem.
39. Construction power and water must be provided by each bidder, as required, from nearby sources on site. It is the responsibility of each bidder to connect to existing utilities for use, obtain approval for all connections from the site superintendent. (Example: temporary construction power/outlets will be provided, extension cord to

- bidder's workspace will not be provided.) Utility consumption costs from existing site utilities will be covered by others.
40. Contractors performing excavations are responsible for calling/requesting utility locates. Meyer Najem will not request utility locates, contractor performing the excavation must request the utility locates.
 41. This project will utilize Lean Construction Principles and will require attendance to pull planning sessions/scheduling, weekly work plan meetings and daily huddles for all field supervision to develop and facilitate an agreed upon detailed schedule. Contractor shall include required mobilizations and provide adequate manpower / crews and overtime to complete the scope of work as indicated and maintain this schedule. Refer to Specification Section 01 32 00 for additional requirements.
 - a. In connection with above line item, contractor is responsible for reviewing, understanding, and acknowledging the Preliminary Construction Schedule outlined in Specification Section 00 89 13, including any issued CM Drawings, regarding sequencing and shall include all mobilizations as required. As noted, certain trades / activities may be required to have multiple crews, overtime and / or shift work. Contractor shall provide adequate manpower / crews and overtime in his bid price to maintain this schedule. NO additional monies will be provided for failure to do so. Educate all field personnel of Phasing and Bid Package requirements indicated.
 42. Contractors whose scope of work requires access and or work to the roofing system are responsible for maintaining and protecting roofing system.
 43. Materials, debris, excess soils, excavated soils etc. hauled off site shall be hauled in accordance with regulations and disposed of legally. Each contractor is responsible for removal of their own spoils from the project site.
 44. All pumping necessary to keep excavations and trenches free from water during the entire progress of this work shall be the responsibility of the Bid Package who is responsible for said excavations and trenches. This excludes groundwater remediation. Water shall be discharged per the approved SWPPP. Clean up of sediment around storm water control measures is the responsibility of the bidder causing the need for said clean up. Refer to Geotechnical report for additional information regarding water levels encountered during geotechnical investigation.
 45. Temporary facilities, power, water, heating, "winter conditions", security, storage, and/or any other requirement to complete the scope of work shall be included as required and per schedule requirements.
 46. All contractors shall note any instance where additional detailing or information is necessary prior to proceeding with any work. These conditions should be communicated by the contractor prior to contract finalization.
 47. Include all materials and labor for mockup conditions if required per drawings and specifications.
 48. Provide all materials for attic stock under this scope of work per specifications requirements.
 49. Each contractor is responsible for labor and equipment for receiving, unloading, handling, and staging of materials provided or installed by their scope.

50. Operation of any construction equipment (those vehicles that are not legal to operate on streets) outside of construction fence/limits shall be minimized and accompanied by a person walking next to the equipment flagging to ensure that the equipment does not affect adjacent public pedestrian and vehicle traffic.
51. Each Bid Package is responsible for all submittals, shop drawings, sample “colors,” closeout documentations required by the project. These documents shall be submitted in digital format to MNC in accordance with the project activities to not delay material acquisition etc. As a general requirement, all submittals are to be received by the Construction Manager within three (3) weeks following formal contract award, unless agreed upon differently. Contractors will be required to submit to the Construction Manager a list of material and equipment that will have a lead time of greater than three (3) weeks and will take longer than the required three (3) weeks to compile submittals for. This list will be due to the Construction Manager within seven (7) days following formal award.
52. Each Bid Package shall be responsible for providing, installing, and maintaining their own certified scaffolding systems, ladders, lifts, equipment, per OSHA guidelines and requirements, as required to complete the scope.
53. Provide all testing and quality control measures per the applicable specifications. Third party testing will be provided and paid for by the Owner.
54. The Owner, City of Fishers, City of Noblesville, local Fire Department, and all additional Authorities Having Jurisdiction have the right to perform a walkthrough and request corrective action at any time during construction. A Certificate of Occupancy will be required at the end of the project.
55. Each Bid Package is responsible for referencing and including all general notes located within the project documents that apply to their Bid Package.
56. Access doors indicated on the drawings (entire set) will be provided and installed by the Framing, Drywall and Ceiling Bid Package. Any trade requiring access/inspection panels or doors that are not shown on the drawing set, but required to access piping, valves, gauges, ports, junction boxes, motors, terminal boxes, dampers, etc. shall be the responsibility of the Bid Package (furnished and installed) of the Bid Package requiring the access panel. Panels to be coordinated and furnished with the appropriate rating and ceiling/wall they are to be installed. Refer to Section 083100 for additional information regarding access doors and frames.
57. Refer to Life Safety Plan(s) for building codes, code analysis, general notes, and rated walls, floors, ceilings.
58. Contractors shall review and include all work for project at **BOTH** the Fishers and Noblesville locations. Drawing files are included separately for each location and all work within drawings will be part of contract.

END OF Part A. GENERAL SCOPE ITEMS (APPLIES TO ALL BIDDERS AND BID PACAKGES)

B. Bid Package Specific Scopes of Work (Refer to Bid Packages 1-8 Beginning on the Following Sheet)

BID PACKAGE #1 – GENERAL TRADES**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description	Section	Description
00 & 01	Procurement & General Requirements	087100	Door Hardware
024100	Demolition	099123	Interior Painting
033000	Cast-In-Place Concrete (As Applies)	101100	Visual Display Units
055213	Pipe and Tube Railings	101200	Display Cases
061000	Rough Carpentry (As Applies)	102219	Demountable Partitions
062000	Finish Carpentry	102239	Folding Panel Partitions
064100	Architectural Wood Casework	102600	Wall and Door Protection
072400	Exterior Insulation and Finish Systems	102800	Toilet, Bath, and Laundry Accessories
076100	Sheet Metal Roofing	122400	Window Shades
079200	Joint Sealants	123600	Countertops
081213	Hollow Metal Frames	133100	Fabric Structures
081416	Flush Wood Doors	320126	Rigid Paving Rehabilitation
083100	Access Doors and Panels (As Applies)		

Work Included but not limited to: (Provide all material, labor/installation, handling, hoisting and equipment for the following, unless noted otherwise below)

General

1. Refer to and include General Scope Items that apply to all Bidders/Bid Packages in Part (A) of this specification section.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Bidder of this bid package is to include all work listed herein as it will be the Contract Scope of Work. Should any part of the scope of this Bid Package be doubled up with another Bid Package, one of the bid packages will be asked for a deductive change order.
4. Reference and include directions and instructions as outlined in specification section 01 50 00 – Temporary Facilities.
 - a. The Contractor shall include their own generators and fuel for temporary electric service required while performing work for all activities where temporary power provided at the building will be insufficient, due to distance or work commencing prior to temporary service is available.

Demolition

5. Bid Scope Responsible for all structure and selective demolition.
6. Provide all selective building demolition per the Architectural, MEP, and Fire Protection Demolition drawings and specs.
 - a. Provide all interior demolition as required to accept new work including, but not limited to, walls/partitions, soffits, bulkheads, ceilings, doors & frames, casework, windows, floors, flooring, wall base etc.
 - b. The MEP trades will make safe, cut, and cap all MEP demolition items. Removal of MEP items being demolished is the responsibility of this Bid Package.
 - c. The MEP trades are cutting and patching concrete as needed for their MEP work.
7. Include all notifications, wrecking/demo permits as required.
8. Coordinate with Meyer Najem and Cities of Fishers and Noblesville for existing utility service disconnects as required.
9. All demolition items/debris to be removed from site unless noted otherwise. Dispose of legally.

10. Coordinate demolition sequence with the Meyer Najem superintendent and other trades as required. (Reference CM drawings for phasing)
11. Means and methods to protect existing conditions to remain from demolition activities as necessary.
12. Provide and manage dumpsters for all demolition debris.
13. Provide means and methods to remove all demolition debris out of building. Include floor protection, continual dust removal and mopping, dust abatement, etc.
14. Include removal of rain chains and patio water table on exterior of building. Refer to Alternate 6.

Aluminum Handrail

15. Provide and install aluminum guard and handrail at YS Patio per Sheet AS2-1.
16. Include all required fasteners, clips, rails, base plates, etc.

Structural Steel

17. This Bid Package is responsible for providing and installing all HSS columns and associated curved beam. Include all applicable baseplates and anchor bolts.

Casework & Solid Surface Countertops

18. Supply and install all Interior Architectural Woodwork, Solid Surface Fabrication, and Plastic Laminate Fabrications, including, but not limited to cabinets, countertops, reception areas/desks, windowsills, islands, etc. per drawings and specifications.
 - a. Provide all accessories and hardware including but not limited to hinges, pulls, guides/slides, stops, locks (include all keying and cylinders as specified), grommets, trays, shelves, adjustable shelf supports, hanger rods, hooks (if located on or within casework), clips, bumpers, countertop supports/brackets, standoffs, grommets, etc. for a complete installation of materials provided by this scope.
 - b. Items scheduled for transparent finish shall be factory finished by this contractor.
 - c. Installation includes furnishing of all miscellaneous attachment materials required, including but not limited to screws, fasteners, toggles, adhesives, fillers, sealants, etc.
 - d. Field measuring prior to fabrication.
19. Provide templates for all work in which coordination between other trades is necessary to incorporate MEP systems, accessories, equipment etc. into the materials provided by this scope of work, including all cutouts for sinks and faucets where required. Coordinate sizes with Plumbing Bid Package.
20. Provide all out-of-wall blocking as required for installation of materials provided by this scope of work.
21. All materials installed by this scope of work are to be installed level and plumb.
22. Reference all specifications, finish plans, finish legends etc. for material finish requirements.
23. Provide and install all Finish Carpentry.
24. All finish carpentry that is a contrasting color than the surface in which it is being installed shall be prefinished (stained or painted per finish requirements). Putty and touch up all fastener holes after installation.
25. This scope of work is responsible for glass that is integral to any door, drawer etc.
26. Provide and install all supplemental framing required for installations such as receptions desks and other similar conditions for a complete finished system.
27. Provide joint sealants at all vertical and horizontal locations where materials provided by this scope abuts dissimilar material. Include sealants where required to seal joints for a finished complete look.
28. Include all wood veneer plywood paneling and slat walls. Refer to interior elevations and details.
29. Include staining of all items provided by this Bid Package.
30. Furnish and install all plastic laminate or plywood benches and upholstery/fabric seats.
31. Include all custom finishes and colors as indicated in the Contract Documents.
32. Provide and install Decorative Panel DP-1.

Joint Sealants

33. Provide all interior and exterior joint sealants / caulking complete per specification section 07 92 00, including, but not limited to, interior and exterior concrete joints where it abuts vertical surfaces, casework/cabinetry & tops, aluminum storefront and windows, hollow metal frames, plumbing fixtures to the floor and/or wall for a finished product, exterior wall penetrations and dissimilar materials.
- a. Sealants at dissimilar materials including but not limited to masonry, metal panels, coping at parapets, soffit perimeter.
 - b. Interior of aluminum entrances. (exterior perimeter by others)
 - c. FRP/sheet wall protection at base and top of wall.
 - d. Bottom of hollow metal door frames to floor.
 - e. Perimeter of hollow metal door frames to wall.
 - f. Perimeter of ACT grid to wall surface.
 - g. Floor base to wall surface.
 - h. Plumbing fixtures to walls and floor.
 - i. Fixed casework and countertops to wall surface.

Doors, Frames, Hardware

34. Provide all doors, frames, and hardware for the project. Installation of doors, frames, and hardware provided by others.
35. Review Section 01 73 30 Electronic Door Hardware Coordination and provide what is required.
36. Provide door vision kits (glass will be furnished and installed by others)
37. Provide fire and smoke ratings of doors, frames, and hardware per the Fire/Smoke Ratings denoted by the Wall types, the Floor Plans, and the Life Safety Plans. The most stringent shall govern.
38. Delivery of materials provided by this scope to the job site shall be in accordance with the Construction Schedule and phasing requirements as determined by the Site Superintendent or Meyer Najem. Materials delivered shall be palletized or grouped in logical order for the installation/sorting sequence and all items are to be clearly labeled by opening number.
39. Provide all keys, cylinders, and cores for project. Provide keying requirements as listed in specifications. This includes temporary construction keying/cores for the project.
40. Supplier shall meet with owner/architect and contractor to finalize keying requirements prior to the locks and exit devices being ordered and match existing or start a new Restricted and Patented Master Key System for the project. During keying meeting, all hardware functions should be reviewed with the owner/architect/contractor to finalize lock and exit device functions.
41. Provide all door hardware per the drawings and specifications.

Painting – Interior & Exterior

42. Provide and install all interior and exterior painting for the entire project per the drawings and specifications. This scope of work is responsible for painting all materials noted to be painted that are not prefinished. Refer to entire set of documents for painting requirements.
43. Provide prime and finish coats per contract documents.
44. This Bid Package shall provide paint touch-ups as necessary through punch sign off at no cost to the Owner.
45. Provide interior painting of all unfinished materials including but not limited to:
- a. Exposed steel (deck, columns, beams, tubes, rails, joists, bollards, gates, posts, piping, ducts, conduit, structure, etc.).
 - Coordinate painting of exposed structure with Meyer Najem and other trades prior to painting exposed structure.
 - Refer to color patterns, etc. for specific items to be painted.

- b. Gypsum surfaces: walls, ceilings, soffits, bulkheads, etc.
 - c. Hollow metal and wood doors & frames
46. Provide all preparatory work to adequately install high performance coatings or other special coatings. Refer to specifications for additional information.
- a. Remove and reinstall or protect as necessary, hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.
47. Do not paint over required labels.
48. Stain or paint all unfinished finish carpentry. Patch all fastener marks/holes prior to painting.
49. After prime coat has been applied, this scope of work and drywall trade shall review drywall surfaces to determine acceptance. Any inconsistencies shall be addressed prior to final paint.
50. Provide Sealing of Concrete where indicated by contract documents.
51. Before the final coat of paint is applied to any finished drywall areas, this bid package shall sign off on acceptance of the finish with the Meyer Najem and Bid Package performing the Drywall Finishing.

Downspouts (Alternate 6)

52. This Bid Package is responsible for replacing all existing rain chains with downspouts as indicated on the drawings. Refer to AS1-1 for rain chain/downspout locations.
53. Include all EIFS soffit work and sitework required to tie downspouts into underground perforated drain.

Sidewalk Work (Alternate 7)

54. This Bid Package is responsible for all work included within Alternate 7. Include removal of sidewalk art tiles, concrete patching, and aggregate epoxy.

Division 10 Specialties

55. Provide and install the following per the documents. Provide complete with all accessories for a complete installation. In-wall blocking by Bid Package #2 Framing, Drywall, Insulation, & Ceilings. Provide field measurements where required.
- a. Visual Display Units
 - b. Toilet Partitions & Doors
 - c. Wall Guards & Door Protection
 - Corner Guards, Fiber Reinforced Plastic Panels, Sheet Wall Protection
 - d. Toilet Accessories
 - e. Toilet Compartments
 - f. Shower Seats
 - g. Coat Hooks
 - h. Key Cabinet
 - i. Fire Extinguishers & Cabinets
 - j. Metal Lockers
56. Furnish and install manually operable paired panel partition per Alternate 5. Column for operable partition truss system and associated drywall repairs to be provided and installed by this Bid Package ~~Bid Package #2 Framing, Drywall, Ceilings.~~
- a. Leveling of floor at operable partition by Bid Package #3 Flooring. Coordinate with Flooring Bid Package during installation to ensure levelness meets partition manufacturer requirements.

Equipment

57. Provide and install all residential appliances, E1 Refrigerators and E3 Dishwasher.
58. Provide and install E4 Everbright Long panel. Refer to Detail 1 / Sheet A10-4.

Furnishings

- 59. Provide and install all motorized window shades for the project complete. Refer to Alternate 3. Power to motorized window shades by Bid Package #8 Electrical & Special Systems.
- 60. Include relocation of existing island per Plan Note 20 Sheet A1-3.

Fencing & Gates

- 61. Furnish and install all decorative fencing and gates as shown in the contract documents per specifications and drawings. Refer to AS1-1. This Bid Package is responsible for all excavation and concrete as it relates to fence post installations. All spoils created shall be removed by this Bid Package.

Exterior Canopy (Alternate 4)

- 62. Exterior Canopy / Sunshade to be provided and installed via Allowance.
-

Work Excluded:

- 63. Lighting (unless specifically noted above)
- 64. Plumbing Fixtures
- 65. Metal or Wood Stud Framing
- 66. In-Wall Blocking
- 67. Cubicle/Partition Relocation, Installation, and Material
- 68. Aluminum Entrances & Auto Operators
- 69. Glazing (Other Than Glass Within Casework)

END OF BID PACKAGE #1 GENERAL TRADES

BID PACKAGE #2 – FRAMING, DRYWALL, & CEILINGS**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description	Section	Description
00 & 01	Procurement & General Requirements	087100	Door Hardware (Installation)
061000	Rough Carpentry	092116	Gypsum Board Assemblies
079200	Joint Sealants (As Applies)	095100	Acoustical Ceilings
081213	Hollow Metal Frames (Installation)	095421	Metal Pan Ceilings
081416	Flush Wood Doors (Installation)	095426	Suspended Wood Ceilings
083100	Access Doors and Panels (As Applies)	098430	Sound-Absorbing Wall and Ceiling Units

Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)

General

1. Refer to and include General Scope Items Bid Package Scopes of Work Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Provide all labor, material, scaffolding, hoisting & equipment necessary to complete this Bid Package.
4. Bidder of this bid package is to include all work listed herein as it will be the Contract scope of work. Should any part of the scope of this Bid Package be doubled up with another Bid Package, one of the bid packages will be asked for a deductive change order.
5. Refer to all wall types, notations and life safety plans, general notes etc. that apply to this Bid Package.
6. Refer to top of wall details. This bid package is responsible for all terminations to structure, including all insulation etc. to achieve acoustical requirements.
7. If cuts into existing wall drywall are required to install in-wall blocking, it is the responsibility of this Bid Package to make clean cut into drywall. If cuts into existing wall drywall are required for MEP devices, rough ins, etc., it is the responsibility of the trade needing the cut to make a clean cut into drywall. Patch back of all drywall is the responsibility of Bid Package #2 Framing Drywall Ceilings.

Framing, Drywall, & Ceilings

8. All work/responsibilities as listed in the General Scope Items "Applies to All Bidders".
9. Provide all material, labor, equipment, and mobilizations necessary to supply and install the complete Framing, Drywall, Ceilings, & Insulation scope of work, including but not limited to, Miscellaneous Rough Carpentry, Sheathing, Thermal Insulation, Cold Formed and Non-Structural Metal Framing, Gypsum Board, Acoustical Panel Ceilings including all related accessories, as per the documents and the below items, required for the project.
10. This Bid Package to provide and install all in wall blocking, nailers, plywood sheathing etc. Includes all blocking within stud cavities such as blocking for toilet accessories, toilet partitions, lockers, casework, shelving, mirrors, televisions, monitors, door and window opening perimeter nailers, etc. Reference additional blocking requirements within contract documents.
11. Provide and install all thermal insulation within metal stud framing (including all spray foam) including but not limited to partitions, exterior walls, parapets, soffits, canopies, etc. This Bid

- Package is responsible for all insulation with the exception of roofing system insulation, underground foundation / slab insulation, and rigid insulation at locations where masonry is the substrate. Where insulation abuts locations of insulation provided and installed by others, this bid package shall include termination and joining as required to provide a continual thermal barrier.
12. Include all interior wall partition construction as noted on documents.
 13. All stud track and wall cavities shall be vacuumed and free of dust and debris before drywall is installed.
 14. All floors shall be swept/vacuumed and cleaned thoroughly after taping and sanding activities. Any means necessary shall be utilized to Remove buildup of joint compound off of the slab immediately after work completion.
 15. Provide all drywall touch-up after all casework, trim, and Division 10 items are installed (including minimal trade damage) as required for final Owner acceptance is included. No extras will be allowed for this touch-up. Includes touch-ups prior to final coat of paint and a touch-up after punch, as required.
 - a. This Bid Package is responsible for patching, skim coat, and refinishing of walls where demolition occurred.
 16. This scope is responsible for all non-load bearing metal framing.
 17. Provide and install tile backing board at all wall tile locations.
 18. Provide and install all required metal/wood nailer(s) at metal framed openings.
 19. Provide stuffing or filling of misc. voids around openings and penetrations with specified insulation material for misc. voids.
 20. Provide sound batt insulation at ceilings where required per partition schedule.
 21. Access doors shown on any of the drawings contained within the complete drawing set. Provide rated/nonrated doors as required at locations indicated. Other trades which require access doors but are not shown within the drawing set will be supplied and installed by the trade requiring the access door.
 22. Suspension systems required at drywall ceilings.
 23. All gypsum board for all bulkheads, ceilings, walls, column wraps, soffits, etc. for a complete package. Include all impact resistant drywall, moisture resistant drywall etc. as required per partitions schedule and specifications.
 - a. Include high impact drywall at locations indicated/required per documents. Refer to General Wall Type Notes and wall partitions legends and details for additional information.
 - b. Include moisture resistant drywall at all walls/partitions that contain plumbing lines,
 24. Provide all control joints as required to avoid cracks or separation of drywall, in accordance with manufacturer's standards.
 25. All detailing at doors jams and head conditions.
 26. All metal stud walls, shafts, furring, bulkheads, soffits ceilings, column and beam wraps, channels, etc. Include all necessary tracks, bracing, clips, fasteners for a complete installation.
 27. Expansion joint material where required at all drywall/metal stud locations.
 28. All acoustical ceilings. Include all suspension systems, trim, grid, panels etc. per the finish plans and specifications.
 29. Provide and install all sound absorbing wall and ceiling units. This includes all fasteners or methods of attachments (cleats, standoffs, etc. or similar) needed that are located outside of finished wall/ceiling face.
 30. Drywall finishing where demolition occurred to be included as Level 5 Finish unless noted otherwise.
 - a. Where new drywall finish meets existing finish, blend Level 5 Finish into existing such that finished surfaces are not noticeably different.
 - b. Provide mockup of finish blend for Architect approval prior to application.
 31. This bid package is responsible for determining if the designed ceiling height is achievable prior to beginning ceilings. If a discrepancy exists, this bid package shall notify the Construction

- Manager promptly to be given directions on the next steps. In the event this contractor proceeds with ceiling and elevation change or conflicts persist, it will be this contractor's responsibility to re-work ceilings, etc. at no extra cost to the owner.
32. Tape continuously at all running trim, floor base, ceiling molding, light pockets, and all other locations where wavy wall conditions are possible.
 33. After prime and/or first coat surfaces, defects shall be pointed out for remedial work. These areas will be re-primed, and the entire surfaces can be refinished. Repair of imperfections and/or minor damage shall be included in the base bid.
 34. Contractor shall provide drywall touch-ups prior to final coat of paint and a touch-up after punch, as required.
 35. Refer to Sheet A0-1 for Wall Types and General Information.
 36. Install all doors, frames, and hardware for the project. Doors, frames, and hardware provided by others.
 - a. All conduits, power, and low voltage wiring, including ALL terminations, will be the responsibility of Bid Package #8 Electrical & Special Systems, including service to the card readers and ADA stations.
 - b. Bid Package #8 Electrical & Special Systems will be responsible for furnishing and installing the card readers.
 - c. This Bid Package will be responsible for coordination with the Electrical Bid Package for installation and timing of all access control door hardware.
 37. Include unloading and staging of delivered doors and hardware provided by Bid Package #1 General Trades.
 38. **ALTERNATE 2 ILLUMINATED CEILING:** This Bid Package is responsible for furnishing and installing the illuminated ceiling panels per Alternate #2. Bid Package #8 Electrical & Special Systems shall provide and install F35 light fixtures, low-voltage transformers, and connect transformers to whips of illuminated ceiling panels following installation of panels by this Bid Package.
-

Work Excluded:

39. Doors, Frames, Hardware – Material
40. Wood Veneer Plywood Paneling
41. Plastic Laminate Casework
42. Lighting
43. HSS Columns and Beams

END OF BID PACKAGE #2 FRAMING, DRYWALL, & CEILINGS

BID PACKAGE #3 – GLASS & GLAZING**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description
Sections 00 & 01	Procurement & General Requirements
Section 079200	Joint Sealants (As Applies)
Section 084229	Automatic Entrances – Dormakaba
Section 084313	Aluminum-Framed Storefronts
Section 087100	Door Hardware (As Applies)
Section 088000	Glazing

Work Included but not limited to: (Provide all material, labor/installation, handling, hoisting and equipment for the following, unless noted otherwise below)

General

1. Refer to and include General Scope Items that apply to all Bidders/Bid Packages in Part (A) of this specification section.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Bidder of this bid package is to include all work listed herein as it will be the Contract Scope of Work. Should any part of the scope of this Bid Package be doubled up with another Bid Package, one of the bid packages will be asked for a deductive change order.
4. Reference and include directions and instructions as outlined in specification section 01 50 00 – Temporary Facilities.
 - a. The Contractor shall include their own generators and fuel for temporary electric service required while performing work for all activities where temporary power provided at the building will be insufficient, due to distance or work commencing prior to temporary service is available.

Glass & Glazing

5. All glass and glazing for the project complete. Includes all interior glazing for complete project. Including, but not limited to, the scope listed below.
6. Provide all interior glazing systems. Include all framing, glazing, fasteners etc. for a complete system. Includes all interior aluminum framed systems, reception area glazing, door glazing, etc.
7. Interior finish caulking between your scope and dissimilar materials is responsibility of this bid package.
8. Glazing gaskets should be tight fitting and waive free.
9. Glazing within wood, hollow metal doors and frames.
10. Include insulation within aluminum framing systems. Includes mineral wool in misc. voids and when shown against flashing or trim within glazing system provided and installed by this trade. (does not include cavity insulation between masonry and metal stud locations, etc. or any insulation outside of aluminum framing system/perimeter)
11. Include all shims, supports, and miscellaneous support angles for installation purposes or as required. Reference drawings and specifications for additional information.
12. Ensure glass provided and installed by this scope of work is free from factory/shop applied stickers and adhesive that are not required to remain post installation.
13. Provide and install all auto operators where indicated. Refer to Alternate 1 Automated Sliding Doors.
14. As part of Alternate 1, include costs to replace existing automated sliding doors. Include all work associated with Alternate 1, including but not limited to removal of existing sliding doors,

- removal of deadbolt from interior doors, installation of new doors, etc. Power to automated doors to be by Bid Package #8 Electrical & Special Systems.
- a. Coordinate power location(s) and connectivity with Bid Package #8 Electrical & Special Systems.
- 15. Include coordination with the project security and electrical for all aluminum doors/frames that are to have electrified hardware or monitoring systems. Refer to the door/hardware finish schedule.
 - 16. Provide and install all laminated glass, GL-1 through GL-5. Refer to Room Finish Schedule.
 - 17. Provide and install all window film.
 - 18. This Bid Package is responsible for notching concrete base to allow for new glass slat wall. Include patch back of concrete base after wall is installed.
 - 19. Include installation of aluminum door hardware. Aluminum door hardware provided by Bid Package #1 General Trades.
-

Work Excluded:

- 20. Aluminum Door Hardware Material

END OF BID PACKAGE #3 GLASS & GLAZING

BID PACKAGE #4 – FLOORING**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description
Sections 00 & 01	Procurement & General Requirements
Section 09 05 61	Common Work Results for Flooring Preparation
Section 09 64 29	Wood Strip and Plank Flooring
Section 09 65 00	Resilient Flooring
Section 09 68 13	Tile Carpeting

Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)

General

1. Refer to and include General Scope Items of Multiple Contract Summary Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Provide all labor, material, hoisting & equipment necessary to complete this Bid Package.
4. Refer to Specification Section 01 50 00 Temporary Facilities and review for scope items which shall be included in the Bid Package.
5. Refer to and include, any items assigned to this bid package as listed on CM (Construction Manager) drawings.
6. Within the limits of the existing building, floor preparation should be included.

Flooring

7. Includes flooring/wall material for this project including all resilient, carpet (tile & rolled goods), concrete floor coating, tile materials. Refer to finish plans, legends/schedules for additional information.
8. All adhesives, trims, transitions, and accessories associated with materials provided by this scope for a complete floor/wall scope.
9. All wall base materials. Including at all wall locations, casework locations, other applicable surfaces, etc.
10. Float floor at material transitions for a smooth finish.
11. Provide and install minor floor prep as required for installation of finish flooring.
12. Contractor shall verify proper sloping for draining, prior to installation of flooring materials. Application of flooring materials without notification to the Construction Manager will result in this bid package accepting the floor finish/elevation.
13. All cuts around outlets and fixtures should be tight and smooth so that cover plates, trims or escutcheons will cover completely.
14. Provide required RH Moisture Testing prior to flooring installation. Provide written documentation to the Contract Manager prior to installation.
15. This scope of work to incorporate flooring/wall material patterns/directions as required by the contract documents.
16. The contractor shall ensure that all surfaces are clean and ready for flooring, prior to commencing with the flooring application to any substrate. Prior to flooring, ensure that all preparation in a selected area has been completed and all holes patched.
17. The contractor shall coordinate with all other contractors who will be providing other finish work including but not limited to plumbing (cleanouts, valves, faucets, etc.), toilet accessories (grab

- bars, paper holders, etc.). Provide all cut outs, trimmed tiles, layout, sealants as needed for a complete, quality, and sanitary product.
18. This bid package shall be responsible for any cleaning, damage, etc. caused by the permanent, temporary, or protective measures put in place during installation to others scope of work.
 19. The contractor shall notify the Construction Manager during the bidding process should any of the specified products be unavailable for any reason.
 20. Conduct and attend any pre-installation conferences as may be necessary to prepare for inspections and or coordination of this work with the work of others.
 21. Coordinate with the Plumbing Bid Package/contractor for any floor fixture elevation errors that may have occurred during portions of the work. Drains must taper and flow correctly.
 22. Provide physical protection for all equipment, devices, walls, casework, HVAC grilles and surrounding elements to protect them from adhesives, fumes, dust, or cement.
 23. Responsible for all clean-up of all adhesives, scrap materials, and residues to the satisfaction of the Construction Manager.
 24. This Bid Package is responsible for leveling floor in YS Program Room #2 169 per Sheet A1-3 Plan Note 3.
 25. Per Alternate 8, this Bid Package shall include costs to provide and install RF-1 flooring in lieu of WDF-1 in Meeting Room 180.
-

Work Excluded:

26. Major Floor Prep
27. Moisture Mitigation
28. Epoxy Coating (Alternate 7)

END OF BID PACKAGE #4 FLOORING

BID PACKAGE #5 – FIRE SUPPRESSION**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description
Section 00 & 01	Procurement & General Requirements
Section 200010	Common Work Results for Fire Suppression, Plumbing, and HVAC (As Applies)
Section 200050	Common Materials and Methods for Fire Suppression, Plumbing, and HVAC (As Applies)
Section 200060	Common Pipe, Valves, Fittings, and Hangers for Fire Suppression, Plumbing, and HVAC (As Applies)
Section 211000	Water-Based Fire Protection Systems

Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)

General

1. Refer to and include General Scope of Multiple Contract Summary Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.

Fire Protection

3. All items in specification Division 21 shall be provided by this scope, except for any site located fire department connections.
4. Specifications sections 00 and 01, in their entirety, and any other applicable or related specification items that apply to this scope of work.
5. Refer to all general notes on FP drawings.
6. Include all scope of work indicated, implied, or required by the Fire Protection Drawings and specifications. Review entire drawing and specification package, Fire protection scope items and related scope indicated on architectural, civil, HVAC, plumbing, fire protection, structural and other contract documents for a fully operational fire suppression system. Other than as outlined in the exclusions section below.
7. Provide and install all pressure and flow sensors required. Wiring provided by electrical subcontractor to devices provided by this scope.
8. Include all testing required for this scope.
9. All mains, branch piping, RPZ's, heads, accessories, escutcheons, etc.
10. Furnish and install all sleeves, carriers, supports etc. required for this scope.
11. Install flashing, counterflashing, and/or sealant at all penetrations of Fire Sprinkler System components through the exterior wall system and/or waterproofed areas unless same is specifically shown to be provided by another contractor.
12. Drafts of all required operation and maintenance manuals, valve tagging charts, etc. as outlined by the plans/specifications, or required by governing codes are to be submitted no later than Project 50% completion. Spare parts, as-built drawings, pipe identification, etc. are to be provided per specifications/drawings.
13. All miscellaneous supports for piping and equipment, risers, etc. required for the proper completion of this scope of work. Structural framework and supports provided by others is limited to that specifically shown and indicated on the Structural Drawings.

14. Coordinate so that no pipe is run over the top of electrical or communication panels. MEP coordination may not show all locations of service panels, Subcontractor to ensure that this requirement is met.
 15. Coordinate the sprinkler head locations with the architectural reflected ceiling plans and shop drawings. Additional heads which may be required to meet code are to be included at no charge.
 16. This scope of work is responsible for cutting and installing ceiling tile around their devices. The ceiling tile will be provided by others.
 17. System installation shall not interfere with access for servicing HVAC Units, valves, etc. for Owner's maintenance staff once building is occupied. Any lines interfering with access will need to be removed and relocated at the cost of this Bid Package.
 18. All required pipe labeling shall be installed prior to the installation of ceiling grid.
 19. Provide and shop drawings, submittals and operation manuals as required per specifications.
 20. Seismic considerations as required by the design documents per local building codes and NFPA Standards. Reference contract documents for site classification for project.
 21. Coordinate routing and layout with other Mechanical and Electrical trades to identify and eliminate conflicts.
 22. Perform all required flushing, testing and inspecting and submit testing results to the architect and AHJ of final fire suppression system.
 23. Provide head type as listed, noted in the plans & specifications.
-

Work Excluded:

24.

END OF BID PACKAGE #5 FIRE SUPPRESSION

BID PACKAGE #6 – PLUMBING**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description
Sections 00 & 01	Procurement & General Requirements
Section 03 30 00	Cast-In-Place Concrete (As Applies)
Section 08 31 00	Access Doors and Panels (As Applies)
Division 22000 – Plumbing	
Section 22 13 19	Sanitary Waste Piping Specialties
Section 22 40 00	Plumbing Fixtures

General

1. Refer to and include General Scope Items of Multiple Contract Summary Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)
4. Provide sleeves for all piping penetrations thru partitions and/or full height walls, foundations, floors, roof, whether shown or not. Holes or access through previously constructed foundations, walls, floors, roof to be core drilled, drilled with hole saw or cut and patched by this Bid Package. Firestopping any penetrations made post firestopping installation activities shall be the responsibility of the Bid Package who made the penetration post firestopping activities.
 - a. Foundation penetrations shall include sleeves and water seals.
5. Excavation, backfill, and spoil removal for any work required by this Bid Package.
6. Provide and install all housekeeping pads for equipment provided by this Bid Package.
7. Include all hangers and supports required to complete this Bid Package's work.
 - a. If this Bid Package requires structural member for support of pipe hangers, etc. and cannot hit nearby joists or beams, it shall be this Bid Package's responsibility to provide and install secondary supports, as approved by the project structural engineer and per material and data requirements for a complete secure installation.
8. Include caulking, patching, and sealing of all exterior building penetrations for own work with approved product and or approved installer as to not void manufacturer's warranty.
9. Prior to closeout/punch, this bid package is responsible for cleaning of all equipment inclusive of mechanical rooms.
10. Provide rough in and final connections to all residential appliances.
11. Include roof curbs and flashings for roof penetrated or mounted equipment, etc.
12. Removal of spoils created from this Bid Package is the responsibility of this Bid Package.
13. Provide maintenance and service of all equipment and systems provided per Scope of Work from the time it is put into service, during construction, and until acceptance by the Owner. Warranty will take effect with acceptance by the Owner in accordance with the Certificate of Substantial Completion. Extended warranty shall be provided for all equipment used during construction.
14. In areas where plumbing rough-in is required and existing slab is being left in place, this Bid Package is responsible for saw cut, removal, and patch back of concrete slab.
15. If cuts into existing drywall are required to install Plumbing systems, it is the responsibility of this Bid Package to make clean cut into drywall to allow for patching. Patch back of drywall is the responsibility of Bid Package #2 Framing, Drywall, & Ceilings.
16. This Bid Package is responsible for cut/cap/make-safe/draining lines, etc. of existing plumbing equipment, pipes, drains, fixtures, etc. that are scheduled to be removed prior to demolition. Equipment, pipe, drain, and fixture removal to be completed by Bid Package #1 General Trades.

Plumbing

17. Provide all labor and material for complete installation of entire plumbing system including but not limited to sanitary waste and vent piping, domestic water piping, plumbing fixtures, pumps, equipment, plumbing accessories, etc. for a fully functional plumbing system.
 18. Include the complete insulation of all plumbing piping as required / indicated.
 19. Provide all machine, hand, and backfilling, and spoil removal (off-site) as required for the proper completion of the Work. Backfill material installed must be in accordance with the applicable sections of the Contract Documents.
 20. Include all shutoffs, isolation valves, as required.
 21. Furnish and install all new plumbing fixtures and plumbing equipment per the Plumbing Schedules –include all equipment, piping and supports Per the Schedules and install per Details and Isometrics.
-

Work Excluded:

22. HVAC Ductwork and Equipment

END OF BID PACKAGE #6 PLUMBING

BID PACKAGE #7 – HVAC**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description
Sections 00 & 01	Procurement & General Requirements
Section 03 30 00	Cast-In-Place Concrete (As Applies)
Section 08 31 00	Access Doors and Panels (As Applies)
Division 23 – Heating, Ventilating, and Air Conditioning (HVAC)	
Section 23 05 93	Testing and Balancing
Section 23 09 00	Instrumentation and Controls for HVAC
Section 23 21 13	Hydronic Piping Systems
Section 23 25 00	HVAC Water Treatment
Section 23 31 13	Metal Ducts
Section 23 33 00	Air Duct Accessories
Section 23 36 00	Air Terminal Units
Section 23 37 13	Diffusers, Registers, Grilles, and Louvers
Section 23 82 16	Air Coils
Section 23 82 33	Finned-Tube Radiation – Hydronic

General

1. Refer to and include General Scope Items of Multiple Contract Summary Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)
4. Provide sleeves for all piping and ductwork penetrations thru partitions and or full height walls, foundations, floors, roof, whether shown or not. Holes or access through previously constructed foundations, walls, floors, roof to be core drilled, drilled with hole saw or cut and patched by this Bid Package. Firestopping any penetrations made post firestopping installation activities shall be the responsibility of the Bid Package who made the penetration post firestopping activities.
 - a. Foundation penetrations shall include sleeves and water seals.
5. Include all hangers and supports required to complete this Bid Package's work.
 - a. If this Bid Package requires structural member for support of pipe hangers, etc. and cannot hit nearby joists or beams, it shall be this Bid Package's responsibility to provide and install secondary supports, as approved by the project structural engineer and per material and data requirements for a complete secure installation.
6. Include caulking, patching, and sealing of all exterior building penetrations for own work with approved product and or approved installer so as to not void manufacturer's warranty.
7. Prior to closeout/punch this bid package is responsible for cleaning of all equipment inclusive of mechanical rooms.
8. Provide maintenance and service of all equipment and systems provided per Scope of Work from the time it is put into service, during construction, and until acceptance by the Owner. Warranty will take effect with acceptance by the Owner in accordance with the Certificate of Substantial Completion.
9. In areas where new HVAC rough-in is required in the existing concrete slab, this Bid Package is responsible for saw cut, removal, and patch back of concrete slab.
10. If cuts into existing drywall are required to install HVAC systems, it is the responsibility of this Bid Package to make clean cut into drywall to allow for patching. Patch back of drywall is the responsibility of Bid Package #2 Framing, Drywall, & Ceilings.

11. This Bid Package is responsible for cut/cap/make-safe/draining lines, etc. of existing HVAC equipment or ductwork scheduled to be removed prior to demolition. Equipment and ductwork removal to be completed by Bid Package #1 General Trades.

HVAC

12. Include all scope of work indicated, implied, or required by the HVAC Drawings and specifications. HVAC scope items and related scope indicated on architectural, HVAC, plumbing, fire protection, structural and other contract documents. Other than as outlined in the exclusions section below.
13. Refer to and include furnishing and installation of all Mechanical/HVAC equipment indicated in the Equipment Schedules.
14. Furnish and provide all ductwork associated with the HVAC system.
15. Ductwork and all accessories.
16. Dampers as indicated/required.
17. This Bid Package is responsible for all HVAC demo, angles, dampers, or sheet metal etc. for HVAC penetrations required to achieve fire rating.
18. Coordinate all work with the reflected ceiling and structural drawings. The architectural plans shall take precedence.
19. Furnish and install all Temperature Controls – refer to Schematic Notes and Sequence of Operations.

Work Excluded:

20. Plumbing Fixtures
21. Gas Pipe Installation

END OF BID PACKAGE #7 HVAC

BID PACKAGE #8 – ELECTRICAL & SPECIAL SYSTEMS**Scope Specific Inclusions:**

All work per Specification Sections

Section	Description	Section	Description
00 & 01	Procurement & General Requirements	083100	Access Doors and Panels (As Applies)
033000	Cast-In-Place Concrete (As Applies)	115213	Projection Screens
061000	Rough Carpentry (As Applies)		
Division 26 – Electrical (Complete)			
260500	Common Work Results for Electrical	260923	Lighting Control Devices
260519	Electrical Power Conductors and Cables	262726	Wiring Devices
260526	Grounding and Bonding for Electrical Systems	262813	Fuses
260529	Hangers and Supports for Electrical Systems	262816	Enclosed Switches
260533	Raceways and Boxes for Electrical Systems	262913	Enclosed Controllers
260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling	265100	Interior Lighting
260553	Identification for Electrical Systems		
Division 27 – Communications (Complete)			
270500	Common Work Results for Communications	270553	Identification for Communication Systems
270528	Pathways for Communications Systems	270810	Verification Testing of Structured Cabling
270550	Firestopping for Communications Systems	271500	Communications Horizontal Cabling
Division 28 – Electronic Safety & Security (Complete)			
280500	Common Work Results for Electronic Safety and Security	283111	Digital, Addressable Fire-Alarm System

Work Included but not limited to: (Provide all material, labor/installation, and equipment for the following, unless noted otherwise below)

General (Applies to Divisions 26,27,28)

1. Refer to and include General Scope Items of Multiple Contract Summary Section 01 12 00, these shall apply to ALL BID PACKAGES.
2. Contractor shall include the work required under each contract area as set forth in this bid package.
3. Provide all labor, material, scaffolding, hoisting & equipment necessary to complete this Bid Package.
4. Provide and install all conduit/raceways, boxes, pull strings, wiring, etc. required for the project, unless specifically noted elsewhere below. Includes all Division 26, Division 27 and Division 28.
 - a. The only wiring not included by this bid package is that of the temperature controls installed by the HVAC Bid Package. Refer to and include all conduits and boxes for the HVAC Bid Package's temperature / control wiring.
5. Division 26,27,28 scope items and related scope indicated on architectural, civil, HVAC, plumbing, fire protection, other contract documents. Other than as outlined in the exclusions section below.

6. Contractor shall reference Drawings for Symbols, Abbreviations & Notes.
7. Provide maintenance and service of all equipment and systems provided per Scope of Work from the time it is put into service, during construction, and until acceptance by the Owner. Warranty will take effect with acceptance by the Owner in accordance with the Certificate of Substantial Completion.
8. This scope of work is responsible for cutting and installing ceiling tile around their devices. The ceiling tile will be provided by others.
9. Refer to the A-Series drawings for wall layouts, ceiling layouts, elevations and bulkhead locations, sections and details.
10. Coordinate all work with architectural and mechanical drawings for complete scope of work provided by this Bid Package.
11. Provide sleeves for all piping/penetrations thru partitions and or full height walls, foundations, floors, roof, whether shown or not. Holes or access through previously constructed foundations, walls, floors, roof to be core drilled, drilled with hole saw or cut and patched by this Bid Package. Firestopping any penetrations made post firestopping installation activities shall be the responsibility of the Bid Package who made the penetration post firestopping activities.
 - a. Foundation penetrations shall include sleeves and water seals.
12. Include all hangers and supports required to complete this Bid Package's work.
 - a. If this Bid Package requires structural member for support of pipe hangers, etc. and cannot hit nearby joists or beams, it shall be this Bid Package's responsibility to provide and install secondary supports, as approved by the project structural engineer and per material and data requirements for a complete secure installation.
13. Contractor shall Include caulking, patching and sealing of all exterior building penetrations for own work with approved product and/or approved installer as to not void manufactures warranty.
14. Provide putty pads where required by code, in rated assemblies.
15. Contractor shall reference and include directions and instructions as outlined in specification section 01 50 00 – Temporary Facilities for temporary power and temporary lighting requirements during construction.
16. Provide all Division 26,27,28 work to accommodate electrical, communications, electronic safety and security needs at interior construction and canopies, that are located outside of the building.
17. Coordinate and integrate all systems, equipment, lighting, etc. provided by this Bid Package that is to become part of the Building Management System.
18. If cuts into existing drywall are required to install electrical systems, it is the responsibility of this Bid Package to make clean cut into drywall to allow for patching. Patch back of drywall is the responsibility of Bid Package #2 Framing, Drywall, & Ceilings.
19. In areas where new electrical rough-in is required in the existing concrete slab, this Bid Package is responsible for saw cut, removal, and patch back of concrete slab.
20. This Bid Package is responsible for cut, cap, and make-safe, etc. of existing electrical equipment scheduled to be removed prior to demolition. Equipment removal to be completed by Bid Package #1 General Trades.

Electrical

21. Provide all material, labor, equipment, and mobilizations necessary to supply and install the complete Division 26 Electrical including all related accessories, as per the documents and the below items, required for this project.
 - a. This Bid Package is responsible for all work indicated on "E" Electrical Drawings.
 - b. Includes all conduit, wiring, devices, equipment, accessories, terminations, etc. to complete the Division 26 Work.
22. Connection of all equipment that is hardwired as outlined or implied on the documents.
23. Provide all building lighting and controls per layout on Drawings and Fixture Schedule.
 - a. Coordinate lighting layout with structure and room layout.

24. The following light fixtures will be provided under a separate Allowance and are not included in this Bid Package's base bid.
- Light fixtures covered via Allowance: F51, F53A, F53B, F54A, F54B, F55, F56, F63.
 - This Bid Package is responsible for providing and installing all required junction boxes, supports, wiring, and controls for these fixtures, as well as installation of the fixtures. The supply of the fixtures themselves is excluded from this scope.
25. Provide and install a complete power system including all devices, mechanical rough-ins, panels, switchgear, distribution, disconnects, etc. per drawings, specifications and requirements. Reference Power Drawings (Floor Plans – Power).
26. This bid package shall provide adequate power to all temporary means of equipment required to deliver a successful project. This would include any temporary HVAC equipment used during construction in the event permanent systems are not available. In addition, if the switchgear is unavailable to power equipment up in a timely manner per the milestone schedule, temporary power sources are this bid packages responsibility to ensure the project can be constructed and delivered in a successful and timely manner.
27. Include power to all door operators and devices that require power. Include boxes, conduit/raceways with strings for to accommodate low voltage wiring and devices required from operators/motors to all sensors, safety equipment and activation switches/buttons. Include conduit on both sides of door openings.
28. Supply and install all panel and electrical equipment mounting apparatuses. All posts, post footers, unistrut etc. required to mount electrical gear.
29. **ALTERNATE 2 ILLUMINATED CEILINGS:** This Bid Package is responsible for furnishing and installing F35 light fixtures, low-voltage transformers, and for connecting transformers to whips on illuminated ceiling panels. Material and installation of illuminated ceiling panels is the responsibility of Bid Package #2 Framing, Drywall, Ceilings.

Division 27 Communications

30. The following items related to AV/low-voltage systems will be provided under a separate Allowance and are not part of this Bid Package's scope:
- Supply and installation of projector
 - Supply and installation of speakers
 - Supply and installation of control systems
 - Supply and installation of associated low-voltage cabling for the above systems
31. Bid Package #8 is responsible for conduit/pathways, junction boxes, power supply, and device rough-ins for the above work. Coordinate with AV/low-voltage vendor during rough in and installation.
32. This Bid Package is responsible for all other work on "E & T" Electrical & Telecommunications Drawings not specifically mentioned above. Includes providing and installing the projector screen.

Division 28 Electronic Safety and Security

33. Provide all material, labor, equipment, and mobilizations necessary to supply and install the complete Division 28 Electronic Safety and Security including all related accessories, as per the documents and the below items, required for this project.
- This Bid Package is responsible for all work indicated on "E & T" Electrical & Telecommunications Drawings.
 - Refer to Architectural drawings and specifications as it relates to doors, frames, and hardware.
 - Includes all conduit, wiring, devices, equipment, accessories, terminations, etc. to complete Division 28 Work.
34. Provide and install complete **video surveillance** system complete.
- Provide and install all video surveillance system Components

- b. Rough in, Wiring, Devices, Equipment
- 35. Provide and install **Audio Visual System** complete.
 - a. Provide and install all Audio Visual Components. Including but not limited to all rough in, wiring, devices, terminations, equipment, screens, brackets, speakers, etc.
 - b. Rough in, Wiring, Devices, Equipment (TV's, Brackets, Projectors, Screens, Speakers, etc.)
- 36. This bid package is responsible for providing and installing Electronic **Access Control System** complete.
 - a. Responsible for all rough in, power, and low voltage wiring, transformers, including all terminations and including service to the card readers and ADA stations complete, in order to provide a complete door access and security system.
 - b. Include all building card readers and other access control devices.
 - c. Site Gate Access Control requirements. Coordinate all power, low voltage, conduit, etc. with General Trades Bid Package regarding fencing and gates.
 - d. Include all rough in, wiring, power, equipment, etc. for a fully functional access control system.
 - e. General Trade Bid Package will be responsible for furnishing and installing all door access hardware, including ADA Push buttons / plates, as listed in the 087100 section.
 - f. General Trades Bid Package will be responsible for coordination with this package for installation and timing for all access door hardware.
- 37. Provide and install an **Addressable Fire Alarm System** complete.
 - a. Include all rough in, wiring (low voltage and line), devices, equipment, control panel, terminations, etc.

Work Excluded:

- 38. Mechanical and fire protection work
- 39. Utility Company fees or utility equipment costs
- 40. Firestopping
- 41. Electrical Demo (Other Than Cut/Cap/Make-Safe)
- 42. Specialty Light Fixture Material (Youth Studio Fixtures)
- 43. AV System Except As Outline Above

END OF BID PACKAGE #8 ELECTRICAL & SPECIAL SYSTEMS

INTERIOR LIGHT FIXTURE SCHEDULE											
MARK	DESCRIPTION	MOUNTING	WATTS	CRI	COLOR	LUMENS	VOLTS	MANUFACTURER(S)			MARK
F02A	LINEAR 2-INCH WIDE BY 5-FOOT, DOWNLIGHT ASYMMETRIC OPTIC, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	RECESSED	18 W	80	3500K	340/FT	120-277V	FINELITE HP-2 R SERIES FOCAL POINT FSM2L SERIES PINNACLE EV2D SERIES			F02A
F02B	LINEAR 2-INCH WIDE BY 8-FOOT LONG, DOWNLIGHT ASYMMETRIC OPTIC, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	RECESSED	28 W	80	3500K	340/FT	120-277V	FINELITE HP-2 R SERIES FOCAL POINT FSM2L SERIES PINNACLE EV2D SERIES			F02B
F02C	LINEAR 2-INCH WIDE BY 12-FOOT LONG, DOWNLIGHT SPREAD OPTIC, WHITE DIFFUSER, SPACKLE FLANGE, 0-10V DIMMING TO 10-PERCENT.	RECESSED	53 W	80	3500K	430/FT	120-277V	FINELITE HP-2 R SERIES FOCAL POINT FSM2L SERIES PINNACLE EV2D SERIES			F02C
F05X	PERIMETER RECESSED 4-INCH WIDE BY LENGTH INDICATED, FROSTED ACRYLIC LENS, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTH IN FIELD PRIOR TO ORDERING, NON-IC RATED, PROVIDE UL924 AUTOMATIC LOAD CONTROL RELAY.	RECESSED	284 W	80	3500K	602.2/FT	120-277V	FINELITE HP-VS4 SERIES FOCAL POINT FSM4PP SERIES PINNACLE EVL SERIES			F05X
F25	2 BY 4-FOOT ARCHITECTURAL TROFFER, HOURGLASS DESIGN, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	45 W	80	3500K	5500	120-277V	LITHONIA ENVX SERIES CORELITE 24ID SERIES PMG LIGHTING SC2201 SERIES			F25
F25X	SAME AS 'F25', EXCEPT PROVIDE UL924 AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	45 W	80	3500K	5500	120-277V				F25X
F32	OPEN DOWNLIGHT, 6-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	24 W	80	3500K	2000	120-277V	HALO COMMERCIAL HC6 SERIES LITHONIA LDN6 SERIES LUMINATION RLDAVR6 SERIES			F32
F32X	SAME AS 'F32', EXCEPT PROVIDE UL924 AUTOMATIC LOAD CONTROL RELAY.	RECESSED	24 W	80	3500K	2000	120-277V				F32X
F33R	8-INCH DIAMETER RETROFIT DOWNLIGHT, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	15 W	80	3500K	1200	120-277V	HALO COMMERCIAL HC8R SERIES LITHONIA LDN8RV SERIES PRESCOLITE LBRP-RD-M4LS SERIES			F33R
F35	15-WATT THEATRICAL FIXTURE, DIE-CAST FIXTURE BODY, PROVIDE (5) OWNER REQUESTED PATTERN/FILTER ACCESSORIES, ARCHITECT TO CONFIRM FINISH.	RECESSED	16 W	80	4000K	616	120V	ETC SOURCE FOUR MINI LED SERIES			F35
F50	3.5-INCH DIAMETER CYLINDER, DECORATIVE REVEAL, 0-10V DIMMING TO 1%, 45-DEGREE BEAM ANGLE, WHITE FINISH - ARCHITECT TO CONFIRM.	SURFACE	17 W	80	3500K	1500	120-277V	FOCAL POINT FLCY3 SERIES			F50
F51	4-INCH ROUND ARCHITECTURAL PENDANT, 10.2-INCHES TALL, PRESSED GLASS DIFFUSER, POLYCARBONATE HOUSING, ARCHITECT TO CONFIRM FINISH FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	SURFACE	8 W	80	3500K	840	120V	MARSET SANTORINI INDOOR PENDANT SERIES (ALLOWANCE: \$362 PER FIXTURE)			F51
F53A	30-INCH DIAMETER ARCHITECTURAL PENDANT, DIRECT/INDIRECT, 2 LAYERS OF WOOL SHADE, 0-10V DIMMING TO 1-PERCENT, AIRCRAFT CABLE, COLOR COMBINATION OF SHADES TO BE SELECTED BY ARCHITECT FROM CATALOG OF STANDARD COLORS.	PENDENT	48 W	80	3500K	5100	120-277V	LUXXB0X LX-KS-L SERIES (ALLOWANCE: \$2,371 PER FIXTURE)			F53A
F53B	30-INCH DIAMETER ARCHITECTURAL PENDANT, DIRECT/INDIRECT, 2 LAYERS OF WOOL SHADE, 0-10V DIMMING TO 1-PERCENT, AIRCRAFT CABLE, COLOR COMBINATION OF SHADES TO BE SELECTED BY ARCHITECT FROM CATALOG OF STANDARD COLORS.	PENDENT	48 W	80	3500K	5100	120-277V	LUXXB0X LX-KS-L SERIES (ALLOWANCE: \$2,371 PER FIXTURE)			F53B
F54A	22-INCH DIAMETER ARCHITECTURAL PENDANT, DIRECT ONLY, 2-LAYERS OF WOOL SHADE, 0-10V DIMMING TO 1-PERCENT, AIRCRAFT CABLE, COLOR COMBINATION OF SHADES TO BE SELECTED BY ARCHITECT FROM CATALOG OF STANDARD COLORS.	PENDENT	46 W	80	3500K	2683	120-277V	LUXXB0X LX-KS-M SERIES (ALLOWANCE: \$1,452 PER FIXTURE)			F54A
F54B	22-INCH DIAMETER ARCHITECTURAL PENDANT, DIRECT ONLY, 2-LAYERS OF WOOL SHADE, 0-10V DIMMING TO 1-PERCENT, AIRCRAFT CABLE, COLOR COMBINATION OF SHADES TO BE SELECTED BY ARCHITECT FROM CATALOG OF STANDARD COLORS.	PENDENT	46 W	80	3500K	2683	120-277V	LUXXB0X LX-KS-M SERIES (ALLOWANCE: \$1,452 PER FIXTURE)			F54B
F55	7.5-INCH DIAMETER PENDANT, 10.25-INCHES TALL, PROVIDE DIMMABLE E26 MEDIUM BASE LED BULB, BLACK CORD, ARCHITECT TO SELECT FINISH FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	PENDENT	13 W	80	3500K	1300	120V	EL TORRENT KOORD TUS.KD.016 SERIES (ALLOWANCE: \$825 PER FIXTURE)			F55
F56	19.75-INCH DIAMETER PENDANT, 8.8-INCHES TALL, PROVIDE DIMMABLE E26 MEDIUM BASE LED BULB, BLACK CORD, ARCHITECT TO SELECT FINISH FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	PENDENT	13 W	80	3500K	1300	120V	EL TORRENT KOORD TUS.KD.018 SERIES (ALLOWANCE: \$1,375 PER FIXTURE)			F56
F63	PENDANT, BLACK SOCKET FINISH, ORANGE CORD, PROVIDE DIMMABLE E26 MEDIUM BASE LED EDISON BULB.	TRACK	13 W	80	3500K	1300	120V	VISUAL COMFORT SOCO PENDANT (ALLOWANCE: \$225 PER FIXTURE)			F63
F72	LED TAPE LIGHT IN ALUMINUM MILLWORK EXTRUSION, LED TAPE TO BE FIELD-CUT/TABLE EVERY 2-INCHES, 0-10V DIMMING TO 10-PERCENT, PROVIDE REMOTE LED POWER SUPPLIES AS REQUIRED, SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.	SURFACE	48 W	80	3500K	96/FT	120V	KLUS K-CR-1210-24 LED SERIES EXTRUSION: KLUS KOZUS SERIES Q-TRAN SW24/1.5 SERIES EXTRUSION: Q-TRAN MDIN SERIES CONTECH TLT24V0 SERIES EXTRUSION: CONTECH TLA6R6 SERIES			F72
X2C	EDGE LIT ALUMINUM EXIT SIGN, CLEAR FACE, ALUMINUM HOUSING, MIRROR BACK, AC-ONLY.	RECESSED	5 W	80	RED	N/A	120-277V	DUAL-LITE LES SERIES SURE-LITES EUX SERIES LITHONIA LRP SERIES			X2C

FLOOR BOX SCHEDULE

MARK (TAG)	CAPACITY	MANUFACTURER MODEL NUMBER	APPLICATION	COVER	FINISH	POWER DEVICES & PLATES	IT DEVICES & PLATES	AV DEVICES & PLATES	ACCESSORY PLATES	CONDUITS
'FB'1	4-GANG	HUBBELL# CFB4G30RCR (EPOXY COATED)	ON-GRADE	RECTANGULAR (FLUSH): #24GTCVRALUC	ALUC (ALUMINUM) ***C FOR CARPET INSERT	(2) DUPLEX GFI #BMPREC	SEE TELECOM DRAWINGS	SEE TELECOM DRAWINGS	LV DIVIDER #CFB4BDIV	(1) 3/4" POWER (1) 1-1/4" IT
'PT'1	3-GANG	HUBBELL# S1R6PTFIT (POKE THROUGH)	POKE-THROUGH	ROUND: #S1R6CVRALU	ALU (ALUMINUM)	(1) DUPLEX GFI #S1R6SPK	SEE TELECOM DRAWINGS	SEE TELECOM DRAWINGS	LV DIVIDER #S1R6DIV	(1) 3/4" POWER (1) 2" IT

NOTES:

- NO CONDUIT LARGER THAN 1" SHALL BE INSTALLED IN FLOOR SLAB. ALL CONDUITS LARGER THAN 1" SHALL BE ROUTED BELOW THE FLOOR SLAB.
- COORDINATE INSTALLATION OF FLOOR BOXES WITH GENERAL TRADES AND FLOOR CONSTRUCTION. IN SOME CASES, THE BOX IS DEEPER THAN THE CONCRETE SLAB.
- CUT AND PATCH EXISTING FLOOR SLABS AS REQUIRED TO INSTALL BOX AND CONDUITS.
- ON-GRADE BOXES SHALL INCLUDE A FUSION-BONDED EPOXY PAINT FINISH TO PROTECT AGAINST CORROSION AND SHALL BE RATED FOR ON-GRADE USE.
- COVER FINISH SHALL BE VERIFIED WITH ARCHITECT.
- FLOOR BOXES SHALL BE UL 514A AND SCRUB WATER COMPLIANT.
- COVERS SHALL ALLOW 180 DEGREE OPENING WITH TWO LARGE CABLE EGRESS DOORS.
- PROVIDE NECESSARY DEVICE PLATES INSIDE BOX.
- FLOOR BOXES SHALL BE HUBBELL "SYSTEM ONE" OR EQUAL BY WIREMOLD.
- VERIFY EXACT LOCATION OF FLOOR BOXES WITH ARCHITECT PRIOR TO ROUGH-IN.
- CONFIRM FLOOR TYPE AND FINISH PRIOR TO RELEASING ORDER.
- CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL BOX AND CONDUITS.

1EP				PANELBOARD SCHEDULE									
LOCATION : ELEC 157				SCCR (AMPS RMS...)		EXISTING		SERVICE : 208Y/120V 3Ø 4-Wire+Ground				MAIN: MLO	
MOUNTING: SURFACE								NEMA: 1				AMP: 400 A	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT	
3	RECEPTS - RESTROOM 188, 189		20 A	1	0 / 0			1	20 A		FLUSH VALVES - RESTROOM 184	2	
4	SOUTH PARKING LOT 120		20 A	1		0 / 0		1	20 A		HAND DRYER - RESTROOM 183	4	
5	SOUTH PARKING LOT 12		20 A	1			0 / 0	1	20 A		RECEPTS - RESTROOMS 183, 183A, 184	6	
7	RECEPTS - STORAGE 193, HALL 198		20 A	1	0 / 0			1	20 A		HAND DRYER - RESTROOM 184	8	
9	TV MONITORS - SHARED OFFICE 192		20 A	1		720 / 0		1	20 A		FIRE ALARM NAC PANEL - ELECTRICAL 157	10	
11	RECEPTS - MAIN LOBBY 142		20 A	1			0 / 0	1	20 A		RECEPTS - SERVER ROOM 186	12	
13	RECEPTS - MAIN LOBBY 142				0 / 663						LIGHTING - REFERENCE DESK - CHILDRENS 156	14	
15	RECEPTS - TEEN AREA 145		20 A	3		0 / 0		1	20 A		HAND DRYER - RESTROOM 195	16	
17							0 / 360	1	20 A		RECEPTS - FRONT DESK YS WELCOME ZONE 155	18	
19	COPY MACHINE - ROOM 140		20 A	1	0 / 0			1	20 A		RECEPTS - STORAGE ROOM 185	20	
21	COPY MACHINE - ROOM 140		20 A	1		0 / 0		1	20 A		RECEPTS - STORAGE ROOM 185	22	
23	RECEPTS - STORAGE 185		20 A	1			0 / 0	1	20 A		RECEPTS - STORAGE ROOM 185	24	
25	GEN. RECEPTS - SHARED OFFICE 192		20 A	1	1260 / 0			1	20 A		COLUMN RECEPTS - CHILDRENS 156	26	
27	WATER CLOSET - RESTROOM 195		20 A	1		0 / 0		1	20 A		COLUMN RECEPTS - CHILDRENS 156	28	
29	RECEPTS - MAIN LOBBY 142		20 A	1			0 / 0	1	20 A		COLUMN RECEPTS - CHILDRENS 156	30	
31	RECEPTS - MAIN LOBBY 142		20 A	1	0 / 0			1	20 A		EXHAUST FANS - EF-11', EF-13'	32	
33	RECEPTS - MAIN LOBBY 142		20 A	1			0 / 0	1	20 A		LIEBERT UNIT - STORAGE 185	34	
35	RECEPTS - CHILDRENS 156		20 A	1			0 / 0	1	20 A		EXHAUST FANS EF-10', EF-12'	36	
37	HAND DRYER - RESTROOM 196		20 A	1	0 / 0			1	20 A		SPARE	38	
39						0 / 0		1	20 A		RECEPTS - MEETING ROOM 146	40	
41	ROOFTOP COND. UNIT		20 A	2			0 / 0	1	20 A		RECEPTS - STUDY RM. 151, 152, 153, 154	42	
TOTALS :			1923 VA		720 VA		360 VA						
TOTAL CONNECTED LOAD (VA) : 3003 VA												TOTAL CONNECTED LOAD (AMPS) : 8 A	
REMARKS:					NOTES:								
EXISTING EATON PRL1A PANELBOARD.													

1NP											
LOCATION : STAFF WORK AREA 161			SCCR (AMPS RMS...		EXISTING		SERVICE : 208Y/120V 3Ø 4-Wire+Ground			MAIN: MLO	
MOUNTING: RECESSED							NEMA: 1			AMP: 100 A	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION
1	FLOORBOX - YS PROGRAM ROOM #1 168		20 A	1	180 / 0			1	20 A		RECEPTS - STAFF WORK AREA 161
3	RECEPT YS PROGRAM ROOM #1 168		20 A	1		180 / 0		1	20 A		MICROWAVE - STAFF BREAK ROOM 164
5	HAND DRYER - RESTROOM 169A		20 A	1			1180 / 0	1	20 A		RECEPTS - STAFF BREAK ROOM 164
7	SPARE		20 A	1	0 / 0			1	20 A		RECEPTS - STAFF BREAK ROOM 164
9	RECEPTS - OFFICE 166		20 A	1		0 / 0		1	20 A		RECEPTS - STAFF BREAK ROOM 164
11	SPARE		20 A	1			0 / 0	1	20 A		RECEPTS - STORAGE 165, OFFICE 166
13	HAND DRYER - RESTROOM 168A		20 A	1	1180 / 1000			1	20 A		RECEPTS - YS STAFF AREA 167
15	RECEPTS - YS STAFF AREA 167		20 A	1		1080 / 0		1	20 A		SPARE
17	RECEPTS - STAFF AREA 167		20 A	1			720 / 720	1	20 A		S.W. RECEPTS - STAFF WORK AREA 161
19	GEN RECEPTS - YS PROGRAM ROOM #2 169		20 A	1	900 / 900			1	20 A		RECEPTS - STORAGE 170
21	RECEPTS - CHILDRENS COLLECTION 156		20 A	1		0 / 540		1	20 A		GEN RECEPTS - YS PROGRAM ROOM #1 168
23	RECEPTS - STAFF WORK 161, OFFICE 166		20 A	1			0 / 180	1	20 A		COUNTERTOP RECEPT - YS PROGRAM ROOM #...
25	FLOORBOX - CHILDRENS COLLECTION 156		20 A	1	0 / 0			1	20 A		RECEPTS - STORAGE 165, BREAK ROOM 164
27					0 / 680			1	20 A		PROJECTOR - YS PROGRAM ROOM #1 168
29	HEAT TRACE E.		15 A	2			0 / 500	1	20 A		PROJECTOR - YS PROGRAM ROOM #2 169
31	COUNTERTOP RECEPT - YS PROGRAM ROOM #...		20 A	1	180 / 0			1	20 A		POLE RECEPTACLE
33	COUNTERTOP RECEPT - YS PROGRAM ROOM #...		20 A	1		180 / 0		1	20 A		EXHAUST FAN (EF-1) & (EF-2)
35	REFRIGERATOR - YS PROGRAM ROOM #1 168		20 A	1			360 / 0	1	20 A		EXHAUST FAN (EF-3) & (EF-4)
37	SPARE		20 A	1	0 / 0			1	20 A		RECEPTS - TEEN AREA 145
39	SPARE		20 A	1		0 / 0		1	20 A		NORTH FLOOR BOXES - TEEN AREA 145
41	SPARE		20 A	1			0 / 0	1	20 A		SOUTH FLOOR BOXES - TEEN AREA 145
TOTALS :			4340 VA		2680 VA		3600 VA		TOTAL CONNECTED LOAD (AMPS) : 30 A		
REMARKS:											
EXISTING EATON PRL1A PANELBOARD.											

1EC			PANELBOARD SCHEDULE									
LOCATION : ELEC 157			SCGR (AMPS RMS...)		EXISTING		SERVICE : 208Y/120V 3Ø 4-Wire+Ground				MAIN: MCB	
MOUNTING: SURFACE							NEMA: 1				AMP: 110 A	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	RECEPTS - ROOMS 142, 191, 194		20 A	1	0 / 0			1	20 A		SERVER PATCH PANEL	2
3	RECEPTS - ROOMS 188, 190		20 A	1		0 / 0		1	20 A		RECEPTS - STORAGE ROOM 185	4
5	RECEPTS - STORAGE ROOM 185		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPTS - MEETING RM 146		20 A	1	0 / 0			1	20 A		RECEPTS - STORAGE ROOM 185	8
9	RECEPTS - RM 146		20 A	1		0 / 0		1	20 A		RECEPTS - CHILDRENS - COMPUTER	10
11	RECEPTS - STUDY ROOM 151, 152, 153, 154		20 A	1			0 / 0	1	20 A		RECEPTS - CHILDRENS - COMPUTER	12
13	GOBO LIGHTING - YS WELCOME ZONE 155		20 A	1	47 / 0			1	20 A		SCULPTURE LIGHTING CONTROLS	14
15	PENDANT LIGHTING - SOUTH READING ZONE	2	20 A	1		104 / 0		1	20 A		FLOORBOX RECEPTS - CONFERENCE 178, 179...	16
17	RECEPTS - SOUTH READING ZONE 156C	2	20 A	1			720 / 0	1	20 A		RECEPTS - STAFF WORKROOM 161	18
19	WEST RECEPTS - YS STAFF AREA 167		20 A	1	720 / 0			1	20 A		LIGHTING CONTROLS - TREE	20
21	WEST RECEPTS - YS STAFF AREA 167		20 A	1		1080 / 0		1	20 A		NORTH FLOORBOX - CHILDRENS 156	22
23	RECEPTS - CHILDRENS 156		20 A	1			0 / 0	1	20 A		SOUTH FLOORBOX - CHILDRENS 156	24
25					840 / 0			1	20 A		CONTROL PANEL - ROOM 186	26
27	MOTORIZED PARTITION - YOUTH SERVICES	1	20 A	3		840 / 0		1	20 A		FIRE ALARM CONTROL PANEL - ROOM 186	28
29							840 / 0	1	20 A		SPARE	30
31	TOWN OF FISHERS 120V OUTLET - SERVER RM		30 A	1	0 / 0			1	20 A		SPARE	32
33	WEST FLOORBOX - CENTRAL READING ZONE	2	20 A	1		180 / 720		1	20 A	2	RECEPT CHILDRENS DEPARTMENT 156	34
35	CENTER FLOORBOX - CENTRAL READING ZONE	2	20 A	1			180 / 360	1	20 A	2	RECEPT CHILDRENS DEPARTMENT 156	36
37	CENTRAL READING - CENTRAL READING ZONE	2	20 A	1	180 / 360			1	20 A	2	RECEPT YS WELCOME ZONE 155	38
39	GEN. RECEPTS - PLAY AREA 156A	2	20 A	1		1440 / 780		1	20 A	2	MOTORIZED SHADES - YS PROGRAM ROOM #1	40
41	LIGHTED PLAY SIGN - PLAY AREA 156A	2	20 A	1			180 / 180	1	20 A	2	MOTORIZED SHADES - YS PROGRAM ROOM #2	42
			TOTALS		2146 VA		514 VA		2460 VA			
TOTAL CONNECTED LOAD (VA) : 9750 VA			TOTAL CONNECTED LOAD (AMPS) : 27 A									
REMARKS:			NOTES:									
EXISTING EATON PRL A PANELBOARD.			1. REMOVE 50A-3P BREAKER AND PROVIDE ONE (1) 20A-3P BREAKER. 2. PROVIDE 20A-1P BREAKER.									



Pre-Bid/ Sign-In Sheet

Project Name: Hamilton East Public Library | Interior Renovations

September 24, 2025

	Company /Attendee Name	Contact Phone #	Contact Email
1	AUSTIN GREGOR / MNC	317-947-5314	agregor@meyer-najem.com
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6	David Dumber	616-719-3683	david-dumber@dfsgrout.com
7	Scott Gullett	312-586-3585	sgullett@delta-services.com
8	SR Colee RAY	317-335-3352	scote@RAY-Associates.com
9	Tristin Maesch / Johnson-Melloh	317-741-6815	tmaesch@johnsonmelloh.com
10	DAN Gehlbach / EACI	317-902-6632	dgehlbach@eaci-usa.com
11	Steve Richard Brande Fleet	765-296-3437	srichard@brandefleet.com
12	Mike App / Master carpet + tile	317-730-0850	mapp@master-carpet.com
13	JOE CHRAPLA / R.E. DIMOND	317-634-4672	joe.chrapla@redimond.com
14	PAUL SIOTA / RE DIMOND	317-634-4672	paul.siota@redimond.com
15	Joel Fenske / TECH Electronics	765-461-8955	jfenske@techelectronics.com
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Hamilton East Public Library - Interior Renovations

9/30/2025

Pre-Bid RFI's & Question Log

Item #	Question / Response		Issuance	Status
PROJECT SPECIFIC RFIS/QUESTIONS				
1	Question:	Is this project CMa or CMc?	Addendum 1	Closed
	Response:	CMc.		
2	Question:	The emailed bid invitation Project Info states Bid Due date October 9th at 2:00PM, but below that in the Notice to Bidders states the due date is October 8th at 2:00PM, which is correct?	Addendum 1	Closed
	Response:	<i>Bid Opening is October 9th at 2:00 PM. Bid Opening to be held in the Stage Room at Hamilton East Public Library - Fishers Branch.</i>		
3	Question:	Are both Fishers Library and Noblesville Library to be quoted together as 1 lump sum?	Addendum 1	Closed
	Response:	Yes.		
4	Question:	Sheet F-E3-12, Plan Note 4 and F-T3, Plan Note 3. Which Alternate are these to be included in?	Addendum 1	Closed
	Response:	<i>Alternate 9, see revised specification section.</i>		
5	Question:	F-E3-14, Plan Note 14. Is this to be included in Alternate #5, Operable Partition?	Addendum 1	Closed
	Response:	Yes.		
6	Question:	F-E3-04, Room 168. Found light fixture F02C along the south wall near the door. Fixture Type F02C is not listed in the Interior Light Fixture Schedule. Is this fixture labeled correctly?	Addendum 1	Closed
	Response:	<i>See addendum #1 drawing F-E6-01 for fixture information.</i>		
7	Question:	F-E3-12, Plan Note 5. Is the EC to provide and install the Illuminated ceiling panels for this alternate?	Addendum 1	Closed
	Response:	<i>No, the illuminated ceiling panels will be provided and installed by BP #2 Framing, Drywall, Ceilings. EC is to provide and install low-voltage transformers, provide and install F35 light fixtures, and connect transformers to ceiling panel fixture whips.</i>		