

**WORK SCOPE SUMMARY**  
**BID PACKAGE # 01**

**HORACE MANN ES (6) TEMPORARY CLASSROOMS**

**ELECTRICAL, FIRE ALARM & COMMUNICATIONS**

Provide all construction work described by the drawings, work defined in the General Conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term "Provide" shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

**GENERAL TASKS**

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Fully plan and coordinate all work (i.e. work sequence, locations, dimensions, layout, elevations, finishes, connections, penetrations, safety, startup and testing, etc.)
3. Prime Contractor is responsible for providing all equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
4. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
5. Be responsible for arranging all inspections required in this Bid Package.
6. No signs or advertising of any kind will be permitted on or about the Site.
7. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order.

## **ELECTRICAL, FIRE ALARM & COMMUNICATIONS**

8. Prime Contractor to provide complete and functional Electrical, Communications Systems and Electronic Safety Security systems, except elements specifically listed to be provided by the Owner or Modular Buildings manufacturer. Full coordinate this work and verify requirements with all contract documents.
9. Prime Contractor to provide complete On-Site Electrical Underground Utility Systems including but not limited to underground data and power conduit distribution, pull boxes, vaults, power transformer pad, primary power conduits, secondary power feeds and connections, pull rope, boring, excavation, compaction, trenching, sleeves, tape, backfill, cabling, wiring, anchorage and other materials as required for the complete distribution from service POC to buildings.
10. Provide all saw cutting and demolition of all hardscape as required to complete this scope of work. Provide patch back of any existing hardscape demolished under this scope of work.
11. Provide all excavation, boring, trenching, backfill, recompaction, regrading, and removal of spoils from the site.
12. Provide boring, trenching, excavation, backfill and spoil haul off, maintaining plus or minus 0.10 feet of finish grade.
13. Prime Contractor to provide soil export as required for the completion of this work scope. Include removal of all soil spoils generated by this bid package. All soil spoils generated by this scope must be removed from the project site. No stockpiling of dirt shall be allowed.
14. Provide all including but not limited to all general electrical requirements, communications utility conduits from utility POC to risers above finished floor elevations within structures, communications raceway systems, outlet boxes, pull boxes and wire-ways, terminal cabinets, equipment cabinets and racks, identifications, electrical grounding systems, sound systems and equipment, intercom system, wiring devices and plates, hangers, anchors, sleeves, chases, and supports, excavation, backfill, joint sealants, etc.
15. Provide all underground, all risers, electrical feeders and connection to building panels, fire alarm and low voltage, transformers and panels, classroom clocks, etc. Provide all items related to this scope of work that was excluded by the Modular Building manufacturer. Fully coordinate with other Contractors and verify all requirements of contract documents.
16. All single line and electrical drawings are diagrams and schematic in nature and actual locations of fixtures and routing of conduit and wiring will vary due to actual project conditions. Include all necessary relocations and rerouting as required for a complete functional system.
17. Provide caulking and sealants between work in this contract and dissimilar finishes including drywall, plaster, tack board, trim and accessories, etc.
18. Prime Contractor to provide all Fire Alarm Systems. Work includes but is not limited to the conduit, wiring, devices, all panel types, network cards and media cards, testing, programming and training.
19. Perform the final fire alarm test and acceptance with the appropriate governing agencies when required at the completion of the project. After hours and weekend testing shall be included at no extra charge if required.
20. Prior to the programming of the fire alarm panels, verify with District that all room numbers and designations have not been changed from the plans. Any re-programming needed to remedy incorrect room numbering shall be done immediately at no additional cost.
21. Provide final clean-up of all exterior onsite hardscape areas at the completion of the project including broom sweep, pressure wash and remove all dirt, debris and tire marks left by this Prime Contractor. This Prime Contractor must clean-up after their work on a regular basis in accordance with the general/supplemental conditions and this bid scope/package.

**Exclusions**

- Systems within Modular Buildings envelope specifically provided by the Modular Building Manufacturer or the Owner