

SECTION 00 11 30 - ABBREVIATED SCOPE OF WORK

THE FOLLOWING IS AN ABBREVIATED SCOPE OF WORK INTENDED TO PROVIDE POTENTIAL BIDDERS WITH INFORMATION AS TO THE SIZE AND NATURE OF THE PROJECT. BIDDERS ARE TO REFER TO THE DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK.

Project: 20068.00 Allen East MS Classroom and STEM Addition
9105 Harding Highway
Harrod, Ohio 45850

GM Project Number: 20068.00

Bid Date: 12-07-2021

Bid Categories: Lump Sum General Contract

Estimate of Construction Cost: \$5,700,000.00

PROJECT SCOPES OF WORK

General Construction:

The new building addition is a CMU masonry-bearing structural system on concrete footings and CMU foundation walls with cavity insulation and clay masonry brick veneer and CMU masonry veneer to match the existing school building. The roof structure is a structural steel beam and bar joist framing system with both acoustical and non-acoustical metal decking. It includes a fully-adhered membrane roof system and vertical metal soffit panels. There are exterior storefront and curtainwall aluminum doors and windows. The interior walls consist of CMU masonry with hollow metal door frames (with wood doors). Educational casework is included in several of the classrooms and STEM lab. The flooring will be a combination of carpet tile flooring, LVT flooring, and sealed concrete. Classroom and office loose furnishings are also being included as an alternate. Included are selective demolition and renovations, of similar materials listed above, of the existing building, where the new building addition will be built against it.

Site work to include demolition of existing trees, pavement, storm, signs, and sanitary lines. Site improvements to include concrete paving, exposed aggregate paving, asphalt paving, mill and fill, storm, sanitary, grading, seat/retaining walls, signage, planting, and seeding.

Fire Protection Work:

Extend existing wet type fire protection spinkler system to cover the new building addition including piping, spinkler heads, certified plans and calculations, testing, etc. The existing building is served by fire pump.

Plumbing Work:

New classroom and STEM lab sinks, service sink, kitchenette sink, water closets, urinals, lavatories, faucets, wall hydrants, drinking water coolers, floor drains, clean outs, trench drain, and associated sanitary/vent and domestic water piping. Section of existing underground sanitary removal and replacement.

HVAC Work:

Central station energy recovery air handling unit, VAV reheat boxes, fan powered VAV rehaet boxes, cabinet unit heaters, unit heater, ductwork and air devices, roof top relief hoods, wall louvers, exhaust fans, hydronic piping, DDC temperature control system, minor demolition of some existing HVAC items.

Electrical Work:

Electrical work consists of, but not limited to, demolition of power, light fixtures, technology devices, and security/access control devices. Provide power to receptacles, mechanical equipment, technology equipment, and security/access control equipment. Provide new LED lighting controlled by occupancy sensors and low voltage switches. Provide new LED exterior lighting connected to existing exterior lighting for power and control. Provide pathways and boxes for new technology work below. Install a new voice notification fire alarm amplifier panel in the building addition only. Provide new fire alarm devices in new addition.

Technology Work:

Provide technology both horizontal and backbone cabling, bonding & grounding for telecommunications, technology room fittings & telecommunications enclosure for new building addition. Also provide classroom audio/visual equipment including but not limited to: paging system expansion, classroom projectors, interactive flat panels, and classroom sound reinforcement systems. Expand the existing CCTV and access control systems to accommodate the addition and existing building changes. Alternate to provide an emergency responder radio coverage system for the entire building.

END OF SECTION