



## Trade Partner Scope of Work

### Exhibit A

### **BP- 04A Masonry (Turnkey)**

#### North Brunswick High School Addition and Renovations

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A. The subcontractor shall perform all work and shall furnish all layout, supervision, materials, labor, scaffolding, tools, equipment, supplies, services, rigging, craning and hoisting of all materials and equipment and all other things necessary or reasonably incidental for the construction and completion of their work as portrayed in the enclosed enumerated contract documents and specification sections as referenced below:

Supplemental Instructions to Bidders dated April 17, 2020

S&ME Geotechnical Exploration Report dated August 21, 2019

#### Associated Specifications:

Division 00 Procurement and Contracting Requirement

Division 01 General Requirements

04 20 00 UNIT MASONRY

04 72 00 CAST STONE MASONRY

07 25 00 WEATHER BARRIERS – as applicable to your own work

07 62 00 SHEET METAL FLASHING AND TRIM

07 91 00 PREFORMED JOINT SEALS – as applicable to your own work

07 92 00 JOINT SEALANTS – as applicable to your own work

B. Subcontractor's work specifically includes:

1. All bidders to note project includes all plans and specifications for the Two-Story Classroom Addition, ROTC Building, Cafeteria Expansion, and Classroom 413 Renovations.
2. Layout, for own work, Center line of columns will be provided
3. Hot weather and cold-weather protection.
4. Custom color mortar (to match existing buildings on campus).
5. Supply and install all masonry accessories, including but not limited to: flashings, wall ties (supply only, see note below), thru wall flashing, mortar cavity netting and weeps.
  - a. Supply wall ties (brick ties) to be installed by framing & drywall sub.
6. Daily debris clean-up to construction managers dumpster.
7. Safety rails for own work.
8. Cleaning of brick rubbing and pointing CMU preparation, ready for paint.
9. In determining the reinforcing, miscellaneous steel, points of attachment and bracing the Subcontractor shall refer to both the Architectural and Structural Drawings and Details.



10. All masonry and cast stone/precast as shown on Architectural and Structural plans. If conflict, assume masonry will be installed.
11. Setting of non- welded in place lintels. Lintels provided by others.
12. Supply and install rebar for own work.
13. High-lift or low-lift reinforcing steel. Horizontal joint reinforcement.
14. Vertical & horizontal grouting.
15. Layout and installation of inserts, embeds, sleeves, bolts and bearing plates (provided by others).
16. Expansion & control joints.
17. Install and grout hollow metal frame in masonry location only (Frames provided by others). This includes providing and installing door frame spreader support until grout has set up in place, checking for plumb and opening size prior to demobilizing from site.
18. This Subcontractor shall provide block-outs, cut-outs, and openings as required for the installation of other trades work including but not limited to recessed specialty items and accessories such as fire extinguisher cabinets, toilet accessories, etc.
19. All rebar caps – furnish & install & maintain at any masonry walls which have rebar dowels
20. Masonry shall be installed plumb, level, and true to line, with proper coursing per Architectural plans and details. All masonry opening dimension shall conform to the tolerances of the work to be put in place following masonry.
21. Masonry cleaning/power washing to include power washing the entire exterior of all installed masonry. Power washing to also include washing of all walls and existing sidewalks near cafeteria addition. Multiple mobilizations will be required.
22. Install and maintain wall bracing for own work.
23. Include patching/toothing at all demo locations (2 story tie-in and cafeteria). Should include brick washing from nearest adjacent control joint to control joint.
24. Include 20SF of misc brick patching/toothing to be used at the discretion of the CM@R.
25. Tie-ins to existing 2 story building and cafeteria will require close coordination with other subcontractors, multiple mobilizations will be required for the phased demo of existing masonry and the support of the existing block/brick. Mason required to cut grout and install of Lintel and C-Channel detail. Demo subcontractor to remove existing block and brick after detail approval/inspection. Steel Lintel, channel and bolts to be provided by Steel subcontractor (BP-05A).
26. Supply/install rigid insulation for below grade requirements.
27. Provide and install all mock up panel requirements as shown on drawings. This should include all components (provided by BP-04A) be a completed wall system.

C. Subcontractor Specific Requirements:

- The following is a general outline of items specifically included, but not limited to, under this agreement:

- A. Submittals must be uploaded onto WMJ Sharepoint site for review. To gain access to Sharepoint site please contact the Construction Manager within 5 days of receiving the contract. All submittals are expected to be received no later than 20 days of receiving the contract unless discussed and approved by the Construction Manager.



- B. Delivery Requirements: As coordinated by Subcontractor with WMJ on site Superintendent. Subcontractor is responsible to coordinate deliveries with vendors. The construction manager will not provide equipment to unload subcontractor materials. Please keep in mind the school will be in session during normal school hours and all deliveries must be scheduled. NO DELIVERIES WILL BE ACCEPTED BETWEEN THE HOURS OF 7:00AM AND 8:00AM and 2:00 and 3:30PM MONDAY THROUGH FRIDAY (this excludes deliveries on small company pickup trucks and/or small box trucks as approved by project superintendent). Saturday deliveries will be accepted only on the approval of the project Superintendent.
  - C. Subcontractor is responsible for scheduling, coordinating, preparing and documenting all testing, inspections, and punch-list with the Owner, Architect, Engineer, Owner's Commissioning Agent, inspection agencies, and required local authority(s) having jurisdiction. All pre-testing and testing requirements needed to achieve temporary and permanent certificate of occupancy and the construction schedule is included.
  - D. It is the responsibility of this Subcontractor to anticipate inspection delays in the installation durations and sequence such work ahead of others as not to impose delays in the schedule.
  - E. Any and all requirements for mockups for approval of assemblies on this project are fully included.
  - F. In addition to the requirements of the specifications, Subcontractor will supply Shop Drawings that include all dimensions, mounting details, and/or pad layout, weight, color, power requirements, ventilation requirements, and all special attachments and mounting details as applicable to their own scope.
  - G. This Subcontractor should provide protection for ANY new and existing installations as part of this Project. If protection provided by others is not sufficient to support/protect the work as part of this scope, this Subcontractor shall provide additional protection as may be required to fully protect that equipment or installation.
  - H. All damage to paint primers or applied factory finishes damaged during install shall be repaired by this Subcontractor.
  - I. Final cleaning of all equipment prior to Final Project Completion including removal of shipping stickers, etc. This shall apply to all existing installations as well as new installations
- D. Allowances:
- a. The Subcontractor is to include the following allowances in their base bid amount. These allowances will include all overhead and profit and will be identified on a separate line item in the payment application schedule of values. The Construction Manager is solely responsible for determining what work will be charged against these allowances and all said work must be authorized in writing by the Project Manager or Superintendent prior to commencing. Subcontractor will submit daily work slips for verification and actual costs against this allowance will be reconciled at the completion of the project. Any work performed by Subcontractor that was not previously authorized by the CM will not be reimbursed.
- E. Unit Prices
- a. Unit prices quoted and accepted shall apply throughout the duration of the contract and are inclusive of all overhead costs, insurance, bonding and profit. If necessary,



Subcontractor agrees to provide labor and/or materials and/or equipment to perform the following work on a unit price basis for the unit prices stated below. Should additional Unit Prices be necessary, these will be agreed upon and included here after the completion of the post-bid scope review meeting

F. Alternates:

- a. The subcontractor is directed to reference the big form for applicable project alternate prices to be included with the Subcontractor's Bid. Alternate Prices shall include all cost associated with the changes, omissions, additions or other adjustments to the work of the Bid Package as described in the alternate, or are reasonably inferable therefrom. Alternate Prices shall include all cost of overhead, profit, and bond premiums associated with the work of the Alternate whether additive or deductive. Claims for extras resulting from changes caused by the acceptance or rejection of any alternate will not be allowed. The Drawings, Specifications, Project Manual, Addendum(s), and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternatives. The Construction Manager and Owner expressly reserve the right to accept or reject any, or all, Alternate Prices and in any sequence. Acceptance or rejection of any alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.