

MASONRY - SCOPE OF WORK BID
PACKAGE BP 23-1
BID CATEGORY – MASONRY

PART 1 GENERAL

2.01 THE WORK OF THIS BID CATEGORY INCLUDES BUT IS NOT LIMITED TO PROVIDING ALL SUPERVISION, LABOR, EQUIPMENT, MATERIALS, TAXES, BONDS, INSURANCE, SCAFFOLDING, HOISTING AND INCIDENTALS TO COMPLETE THE WORK PER ALL CONTRACT DOCUMENTS FOR THE WRESA BURGER BAYLOR DOOR AND WINDOW REPLACEMENT AS DEFINED BY THE BID PACKAGE NO. BP 23-1 BID SCOPE DOCUMENT INCLUDING ITS SUPPLEMENTARY DOCUMENTS AND IN ACCORDANCE WITH ANY APPLICABLE CODES. ALL WORK IS TO BE PERFORMED AS SHOWN ON THE PLANS AND AS SPECIFIED IN THE FOLLOWING TECHNICAL SPECIFICATION SECTIONS:

- A. Division 01 – General Requirements (Complete)
- B. Division 02 – Existing Conditions
 - a. Section 02 4119 – Selective Structure Demolition (As Applies)
- C. Division 04 – Masonry (Complete)
- D. Division 07 – Thermal and Moisture Protection
 - a. Section 07 9200 – Joint Sealants

IN ADDITION TO THE ABOVE, THIS BID CATEGORY INCLUDES BUT IS NOT LIMITED TO THE BIDDING DOCUMENTS, THE BIDDING AND CONTRACT REQUIREMENTS AND DIVISION 1 GENERAL REQUIREMENTS OF THE BARTON MALOW BUILDERS PROJECT MANUAL AND VARIOUS OTHER DOCUMENTS AND TECHNICAL SPECIFICATIONS INTERFACING WITH THIS WORK PROVIDED BY THE OWNER, ARCHITECT AND/OR ENGINEERS. THE BIDDER IS ADVISED TO REVIEW THE WORK DESCRIPTIONS OF THE OTHER CATEGORIES SO AS NOT TO MISUNDERSTAND SCOPE RESPONSIBILITIES.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION

THE SCOPE OF WORK WILL INCLUDED AND IS NOT LIMITED TO THE FOLLOWING ITEMS:

- A. **Specific Scope:**
 - 1. Contractor to include multiple mobilizations as necessary to complete this Scope of Work as defined in the General Scope.
 - 1. Coordinate work of this scope with all trades to allow for safe working conditions before, beginning and during work.
 - 2. Contractor to include costs associated with any required mock-ups as indicated in the Contract Documents, removal of same is included in the cost. Contractor to provide and assemble any mock-ups per specifications and to include all materials necessary to build the mock-up per specification, for Architect/Engineer and Owner approval.
 - 3. Temporary, limited electricity may be available for charging basic power tools. Contractor is responsible for all means to power any tools or equipment it requires to perform the Work. If Contractor requires generators to perform its Work, Contractor is responsible for all costs to provide, fuel and operate such equipment.
 - 4. Temporary Lighting will be provided by the Electrical Contractor at such time as reasonably able to be installed, given site conditions. Contractor is to provide any and all Temporary Lighting as necessary to perform the work of this scope such as task lighting, until site conditions are such that temporary lighting can be hung, installed by the Electrical Contractor.

5. Contractor is responsible for the complete coordination of work of this bid category with all other trades to identify and resolve conflicts. Any and all financial implications emanating from this Contractor's lack of planning and coordination will be borne by this Contractor. This shall include items which may not be specifically identified by the contract documents but are required to complete this scope of work.
6. Contractor is responsible for all detailed layout required for proper location and coordination of work.
7. Contractor is responsible for reviewing the critical dimensions and elevations of all work and verify the conformity of existing work to the Contract Documents and to its suitability. Contractor to promptly notify Barton Malow Builders noting any discrepancies or unacceptable conditions as they relate to its work.
8. Contractor to visit the site and attend all meetings as required to properly coordinate work of this scope with that of Others. Coordination efforts should be focused on minimizing any post- installation damage and required patching operations.
9. Initial benchmarks are shown on the project drawings.
10. Provide all saw cutting of openings in walls required for this Contractor's installations, including removal and disposal of all debris.
11. Replaced in its entirety all fireproofing disturbed by this Contractor's installations.
12. Work includes any repairs / re-pointing of masonry units that are damaged during demolition activities.
13. Provide, install and maintain temporary weather and/or winter protection/enclosures and heat as required for proper installation of this Contractor's work. This includes fuel, equipment, maintenance, and safety provisions to continue and complete this work in an uninterrupted manner, despite weather conditions.
14. Provide hoses for water supply in proper working condition. Leaking hoses will be removed. This Contractor is responsible for associated clean up.
15. Provide masonry washout service for work of this bid category and is to be in accordance with County/EPA requirements.
16. Dry cutting of masonry and concrete will not be permitted.
17. Receive, handle, set, and grout solid all hollow metal doors frames, windows, and (provided by others) at new and existing masonry walls. Coordinate electrical raceways with the Electrical, Security, and prior to grouting. For door frames required to be left out for access, leave oversized opening and tooth in masonry when directed by Barton Malow Builders. Contractor to notified Barton Malow Builders of any missing or damaged materials.
18. Hollow Metal Frames to be grouted solid prior to install.
19. Grout and insulate all masonry wall cavities as shown and or required.
20. Tooth out existing masonry to accept new masonry work.
21. All masonry joints shall be tooled, cleaned and ready for application of paint or other finishes specified.
22. Provide patching of all brick/CMU locations shown on the drawings.
23. Provide and install cell fill (concrete and/or insulation), mortar and grout. Provide inspection holes, as specified or required.
24. Provide and install all horizontal and vertical wall reinforcing as specified or required, including reinforcing steel above foundations at CMU walls, as indicated per the contract documents or required.
25. Joint sealant for masonry expansion/isolation joints for work of this bid category as shown, required, or specified.
26. Provide and install all top of masonry wall fire resistive joint fire stopping per approved UL Systems including insulation for all rated walls shown on the drawings. Both sides of walls are to be fire sprayed/joint sealed.
27. Contractor will be responsible for review/coordination of approved shop drawings such as the curtain wall system, door and window openings, structural steel, etc. prior to work

- taking place. These documents can be obtained for review from the Construction Manager.
28. Clean and wash all masonry and stone as specified and in accordance with approved sample. Protect all adjacent finished products from the cleaning agents. Remove water and debris created from masonry cleaning. Protect existing items to remain when sealing masonry.
 29. Protect any new and/or existing adjacent surfaces from overspray of insulation, waterproofing, damp proofing or mortar droppings.
 30. Contractor is responsible for cleaning of and de-mudding foundations and brick ledges prior to installation.
 31. This contractor is responsible for making repairs as required of the existing exterior masonry surfaces, including but not limited to grinding, replacing units as needed, and repointing mortar joints in preparation of cleaning and staining.
 - a. On bid form, indicate total SF of tuckpointing included in proposal.
 32. Provide and install all concrete masonry units with all associated ties and reinforcing, through-wall flashing, weeps, dowels (including drilling and grout), grout, mortar, mortar net, bond beams, reinforcing steel, joint fillers, expansion joints, joint reinforcing, ties, anchors, insulation, damp-proofing, control strip joints, and all miscellaneous accessories to provide a complete masonry system.
 33. Refer to structural drawings for requirements of reinforced masonry.
 34. Receive and install plates, angles, channel, bearing plates, etc. to be embedded for beam connections, top of wall clips and bracing, door openings, etc. and which are integral parts of the masonry system.
Coordinate and cooperate with other Contractors of in wall rough-ins and penetrations.
 35. All through wall flashings shall be inspected by local building authority (if applicable), Architect/Engineer and Barton Malow Builders prior to being concealed.
 36. All exposed and above ceiling CMU joints shall be tooled, cleaned and ready for application of paint or other finishes.

A. Exclusions:

B. SPECIAL CONSIDERATIONS:

1. Labor Rates/Unit Prices/Alternates: Provide the following information on the bid form:
 - a. Labor/Equipment Rates:
 - 1) This Contractor is to provide as a part of his proposal a fully detailed labor rates for Barton Malow Builders approval for work associated with this Contractor's and for each of their Subordinate Parties Trades. In addition, labor rates will be required for all equipment involved with the performance of the work required by this Bid Category.
2. Unit Pricing:
 - a. \$/SFT of tuckpointing and jointing
 - b. Total SFT of tuckpointing
3. Allowances: This Contractor must obtain written authorization from Barton Malow Builders prior to performing the associated work below. Include in this Contractor's bid, allowances for work as follows.
 - a. \$80,000 allowance for investigative and repair work for cracks along back side

END OF SECTION 002204.01