

**SECTION 00220
WORK SCOPES**

BID CATEGORY 042000 - Masonry

The Work of this Bid Category includes but is not limited to providing all labor, equipment, materials, scaffolding, hoisting and incidentals to complete all in accordance with the Contract Documents and applicable codes. All Work is to be performed as shown on the plans and specified in the following Technical Specification sections:

<u>Specification Section</u>	<u>Description of Section</u>
013219	Schedule of Required Submittals
013300	Submittal Procedures
014213	Abbreviations
014216	Standards and Definitions
016000	Product Requirements
017300	Execution Requirements
017329	Cutting and Patching
017836	Warranties
017839	Project Record Documents
024119	Selective Demolition
042000	Unit Masonry Assemblies
072100	Building Insulation
072640	Spray Polyurethane Foam Insulation and Air/Vapor Barrier System
076200	Sheet Metal Flashing and Trim
078413	Firestopping
078446	Firestop Joint Systems
079200	Joint Sealants

In addition to the above, this Bid Category requires adherence to and coordination with various other technical Specifications interfacing with this Work. The Bidder shall review the Work descriptions of the other Bid Categories as set forth in Section 00210 of the Project Manual and other referenced documents, so as to not misunderstand scope responsibilities.

THE SCOPE OF WORK IS TO INCLUDE, but is not limited to, the following items:

1. This contractor shall be responsible for layout, engineering, and ongoing clean up as it pertains to this work, coordinate layout with other contractors.
2. This contractor shall provide adequate supervision of sub-contractors and field personnel. This includes a field superintendent responsible for all work with the ability to make decisions.
3. Contractor to install but not furnish products included in the following sections: Division 05 Section "Metal Fabrication" for steel lintels in unit masonry, Division 06 Section "Rough Carpentry" for wood nailers and blocking built into unit masonry, Division 07 Section "Sheet Metal Flashing and Trim" for reglets in masonry joints for metal flashing, Division 07 Section "Firestop Joint Systems" for head-of-wall joints, Division 08 Section "Standard Steel Doors and Frames" for hollow metal frames in unit masonry openings, Division 09 Section "Painting" for field applied sealer at all exposed concrete masonry units
4. Safety orientation stickers shall be obtained by BMC and issued to contractor. All field personnel are required to pass safety training procedures specified by BMC. Upon completion of safety training, all personnel are to place the safety orientation sticker on their hard hats conspicuously and wear at all times.
5. Contractor to provide all shoring and wall bracing as required to complete their own work. All wall bracing shall comply with OSHA, MIOSHA and any other authorities having jurisdiction.

6. Contractor shall provide all fall protection, lifts and scaffolding as required to complete their own work. Fall Protection and scaffolding shall comply with MIOSHA, OSHA and any other authorities having jurisdiction.
7. This contractor will be responsible for all re-mobilization costs for all phases of work.
8. Contractor is responsible to verify all interior and exterior door dimensions within masonry to ensure proper fit. Masonry contractor is responsible to set and install all door frames within masonry. Door frames shall be provided by the general trades contractor, bid category 061000.
9. This contractor shall obtain and pay for all permits required for the work described by this bid category.
10. This contractor shall be responsible for receiving, off-loading, and hoisting into/onto the building. This includes the safe and secure storage of materials related to this work
11. Contractor is responsible to tie in all new work related to this bid category with the existing building. This includes all rework of existing conditions to the satisfaction of the Construction Manager, Architect and Owner. Contractor is to perform all demolition to complete their own work, as required.
12. Coordinate with other trades, including mandatory participation in job meetings.
13. Furnish and install sleeves in all walls related to this bid category.
14. Provide daily clean-up according to Barton Malow standards, including daily removal of all materials and debris related to this category. If daily clean-up is not performed, the Construction manager will provide a laborer to complete the clean-up and the appropriate contractor will be back charged.
15. All demolition work is assigned to the individual contractors that are responsible for the particular material or work in question. The contractor is to perform all demolition of the materials assigned in the specification sections listed in their own Description of work, unless otherwise noted.
16. This contractor shall obtain and pay for all permits required for the work described by this bid category.
17. Furnish and install all exterior concrete masonry units, above and below grade, face brick, cast stone caps, pre-cast lintels, bond beams, masonry lintels, damp proofing, waterproofing, water repellants, insulation, compressible fillers, backer rod, anchors, ties, anchor bolts (grouted in masonry), reinforcing, through-wall flashing and drip edges, building paper, weep holes, pre-molded expansion strip, joint materials, caulking and sealants and other accessories shown or required for a complete product. This includes all metal break trim below existing window frames.
18. Install loose steel lintels, shelf angles, relieving angles or angles shown in, on or around masonry work. To be furnished by general trades contractor.
19. Cleaning of roadways as directed by the Construction Manager due to activities by this contractor. Include site dust control due to the activities being performed by this Bid Category. Maintain site grade during the scope of this Contractor's work. Maintain ruts to facilitate site accessibility.
20. This contractor is responsible for all masonry cleaning and sealing. Provide all cleaning and scraping of new or renovated masonry walls to receive paint.
21. Infill/Patch masonry at all locations designated on plans.
22. This contractor shall examine all drawings (structural, architectural, mechanical and electrical, etc.) for work related to this category for openings requiring the installation of structural steel support. This includes coordinating with all trades. Masonry contractor to infill around all mechanical and electrical penetrations.

23. Contractor is to caulk and seal all exterior control joints, expansion joints and dissimilar materials adjacent to masonry, as required include backer rod as required or specified.
24. Each contractor performing demolition shall be responsible for protecting new and existing construction from damage due to their work. If any adjacent surfaces are damaged it will be the sole responsibility of the contractor at fault to completely repair and replace all damaged construction to the satisfaction of the Owner, Construction Manager and Architect.
25. This contractor shall cut all masonry openings and tooth-in new masonry for windows, openings and louvers in existing/new walls as required. Cut/channel and patch walls as shown for in wall electrical and mechanical or plumbing.
26. This Contractor shall review door head and jamb details, and include work shown under this scope of work.
27. Masonry contractor is responsible for the removal and reinstallation of the existing coping or replacement if necessary.
28. Owners' operations take precedence over all construction activities. All cutover from existing systems to new systems shall not interfere with Owner operations. If certain construction activities are anticipated to cause disruption with owners' operations (noise, etc.), these activities shall be coordinated with the owner or scheduled on weekends/after hours.

EXCLUDED FROM THIS CONTRACTORS WORK IS:

All concrete and steel work associated with other bid categories.

SPECIAL CONSIDERATIONS:

1. This contractor shall provide dumpsters and/or removal offsite of all demolition and general debris created by the work of this contractor.
2. All work under this scope shall comply with proper trade jurisdictions, even if it is necessary to assemble composite crews or subcontract to appropriate trades.
3. Provide clean-up as outlined in the general requirements section 01550.
4. Contractor is responsible to furnish all Barton Malow Co. start-up documents within two (2) weeks of contract award. This includes signed contract, bonds, certificate of insurance, shop drawings and submittals, and contractors safety program with signed safety agreement (01600), Safety Program Review checklist (01600) and MSDS.
5. It is the responsibility of the contractor to review all drawings & drawing notes, including civil, architectural, structural, mechanical, electrical drawings, and specifications. Contractor shall provide and install all materials within this bid category unless otherwise noted above as excluded from this scope of work.
6. Bidder shall complete the Bid form in its entirety, special attention is directed to the Alternates and Unit Prices Section of the Bid Form.
7. The special provisions outlined in Section 00210 Description of the Work form a part of this bid category work description and apply to this bidder's scope of work.
8. This contractor is responsible to create a safety binder which will include the following information: site specific safety program, signed safety agreement (01600), MSDS sheets, Asbestos Training Certificates, CPR/first aid certificates, Lift certifications, Lead Renovators Certificates, Storm Water Certificates, Equipment Maintenance Logs, Equipment Training Letters, Roof Work Permits, & Letter indicating competent person.

This information will be organized and clearly marked with the contractors name, address and division on the exterior of a 3 ring binder for each building you will be working at.

END OF BID CATEGORY 042000 – Masonry