

CENTER LINE PUBLIC SCHOOLS  
RISING STARS ACADEMY at  
MILLER ELEMENTARY SCHOOL

121440

MARCH 11, 2013

SECTION 02000  
BID CATEGORY - 02000 GENERAL TRADES

The work of this bid category includes but is not limited to providing all labor, equipment, materials, scaffolding, hoisting and incidentals to complete all General Trades in accordance with the specifications, drawings, and applicable codes. All work is to be performed as shown on the plans and specified in the following technical specification sections:

<u>Specification</u>	<u>Section</u>	<u>Description of Section</u>	
<b><u>DIVISION 2</u></b>	<b><u>SITE</u></b>		
	02070	Selective Demolition	6
	02300	Earthwork	13
	02925	Cleanup and Restoration	2
<b><u>DIVISION 3</u></b>	<b><u>CONCRETE</u></b>		
	03001	Concrete Work	15
<b><u>DIVISION 5</u></b>	<b><u>METALS</u></b>		
	05120	Structural Steel	10
	05500	Metal Fabrications	8
<b><u>DIVISION 6</u></b>	<b><u>WOOD AND PLASTICS</u></b>		
	06100	Carpentry	6
<b><u>DIVISION 7</u></b>	<b><u>THERMAL AND MOISTURE PROTECTION</u></b>		
	07910	Joint Fillers and Gaskets	5
	07920	Sealants and Caulking	12
<b><u>DIVISION 8</u></b>	<b><u>DOORS AND WINDOWS</u></b>		
	08112	Hollow Metal Work	10
	08210	Wood Doors	7
	08710	Finish Hardware	18
	08800	Glass & Glazing	14
	08810	Fire Rating Glass & Framing System	9
<b><u>DIVISION 9</u></b>	<b><u>FINISHES</u></b>		
	09250	Gypsum Drywall	17
	09510	Acoustical Ceilings	5
	09650	Resilient Flooring	6
	09900	Painting	11
<b><u>DIVISION 10</u></b>	<b><u>SPECIALTIES</u></b>		
	10522	Fire Extinguishers and Cabinets	2
	10800	Toilet Accessories	7

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In addition to the above, this bid category includes but is not limited to the Bidding Documents, the Bidding and Contract requirement and Division 1 General Requirements of the Project Manual and various other Technical Specifications interfacing with this work. The bidder is advised to review the work descriptions of the other categories and other referenced documents so as to not misunderstand scope responsibilities.

THE SCOPE OF THIS BID CATEGORY SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:

1. It is the responsibility of this Bid Category to review all drawings and drawing notes, including architectural, mechanical and electrical drawings, and include items requiring work that is generally defined as the responsibility of this Bid Category within the work description unless otherwise noted above in the scope of work.
2. This contractor will be responsible for all re-mobilization costs for all phases of work.
3. This contractor is to provide all legal disposal off-site of the debris that is a result of their work.
4. Coordination with other trades, including mandatory participation in job meetings.
5. Coordinate the location and sizes of all openings with the appropriate trades.
6. Before sawcutting or making any cuts in the floor, all contractors must use ground penetrating radar, and must provide proof that it was used to the Architect.
7. Referencing drawing A1.0-Demo Plan Notes: This contractor is responsible for work described in the following notes: 1, 4, 9. New work plan notes: 1, 3, 6, 7, 8, 9. Reflected ceiling plan notes: 2, 3, 4. Composite Plan notes: 1, 2, 3, 4, 5, 6.
8. Reference drawings No. A2.0 - this contractor is responsible for work described in the following notes: Demolition plan notes: 1, 2, 3, 8, 9, 10, 11, 12, 13, 15. New work notes: 1 thru 11. Reflected ceiling plan notes: 1, 4. Roof framing plan notes: 1, 2, 3, 4. Roof plan notes: 1, 2, 3, 4, 5, 6, 7, 11.
9. Perform all demolition work as described on the Demolition Drawings and noted in the Demolition Notes.

10. Furnish, install and maintain all shoring and bracing as required. Leave shoring in place until new building systems are in place and then remove as required. Prior to installation of shoring and bracing efforts, provide shop drawings on the proposed shoring and bracing design. A registered engineer in the State of Michigan must seal drawings.
11. Perform all trimming and adjusting of demolition work for installation of new construction. Coordinate limits of wall demolition with architectural drawings and all critical trade contractors.
12. In all locations where this contractor sawcuts the floor, this same contractor is also responsible for pouring back concrete. This contractor must coordinate with flooring contractor as to provide proper floor finish and height.
13. Fabrication and installation of all structural steel framing, columns, beams, girts, sag rods, joists and girders, metal decking, bracing, connections, steel tube framing, roof ladders, staircases, wall ladders, pipe railings, temporary bracing and erection materials, miscellaneous support steel and miscellaneous iron, as specified.
14. Furnish all loose steel lintels, shelf angles, anchor bolts, masonry anchors, set irons, bearing plates, leveling plates, sleeves, and relief angles to the appropriate trades for installation.
15. Furnish and install roof guardrail shown on drawings.
16. This contractor is responsible for proper storage and protection of steel from corrosion, deformation and other damage on site.
17. Include cleaning and touch up painting of bolted connections, welded connections, and abraded areas. After erection, field coat all abrasions, nuts and bolts, washers and surfaces left unpainted. Shop paint all steel members.
18. Provide steel framing for all roof deck penetrations including but not limited to ductwork and exhaust fans. Other trades will be required to locate and make penetrations and cover and protect those penetrations.
19. Coordinate with other trades, which may require holes or special anchorage to steel members.

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20. Coordinate all wood doors and hollow metal frames including all finish hardware and related items as required.
21. Contractor will be responsible for delivery and off-loading of all hollow metal frames at the site.
22. Supply and install cylinders capable of receiving the cores which match the owner's keying systems. Cores to be supplied by owner.
23. Remove tags and clean all surfaces after new doors and panels are installed.
24. Contractor will be responsible for storing all doors and frames in an acceptable manner. Contractor will be responsible for removing any rust which may appear on the steel doors and frames.
25. Provide and install all finish wood trim, woodwork and millwork, shelving and all other finish carpentry, as specified.
26. Provide and install all insulation required for this contractors work.
27. Provide all backing, wood blocking and shims for proper anchorage, as required, for work of this category and others, to include specialties, countertops, wood trim work, toilet accessories, and equipment.
28. Provide and install complete gypsum wallboard, cement board, framing, layout, insulation backing, drip edges, metal edge angles, sealants, expansion joint assemblies, backer rods, through-wall flashing, control joints, including all accessories. This contractor is responsible for providing final wall construction to meet code requirements.
29. Provide and install complete cold-formed metal framing system (interior and exterior) including design and engineering, as specified.
30. Provide labor and material to perform all taping, sanding and finishing of drywall and plaster surfaces to degree ready for acceptance of final wall treatment and obtain approval for application of all finishes.
31. Provide and install all insulation, sealers, vapor barriers and soundproofing material behind work of this category, and all exterior walls and soffits to receive blanket insulation.

32. Seal drywall partitions up against structural steel or deck and provide fire safing materials to close all penetrations through partitions, as specified. Sealing of drywall walls shall meet all fire rating codes.
33. Contractor is responsible for repairing areas where nailpops, ridging, etc., occurs or openings in drywall for backboxes are too large for cover trim or plate.
34. Coordinate all embedded items incorporated in this work including, but not limited to, mechanical and electrical equipment for proper alignment leveling and access.
35. Provide and install complete acoustical ceiling system including all framing, layout, insulation, backing, ceiling tiles, break metal closures, anchorage and hangers. Coordinate layout of mechanical and electrical fixtures with those trades. Complete all mechanical/electrical cuts required by other trades.
36. This contractor is responsible for re-working the ceiling grid for the installation of their own work.
37. Provide and install additional support members and furring channels for hangers required to support their own work around mechanical and electrical fixtures; including the condition when it is necessary to span ducts, pipes and structural members.
38. Provide all light gauge metal framing required for interior and exterior construction and accessories including but not limited to parapets, as specified.
39. This contractor will provide positive water seals throughout the entire construction period, so as not to allow damage to new or existing construction. If water or any other type of damages occur due to elements entering through any roof opening it will be this contractors responsibility to bare the cost of the repair or replacement to the damaged construction.
40. All roofing work shall be performed by owners contractor.
41. Install all roof curbs provided by category 15000, refer to mechanical plans for locations and sizes of roof openings. This contractor shall create the new roof openings (cutting thru but not limited to roofing materials, decking, etc.) in existing roof.

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EXCLUDED FROM THIS CONTRACTORS WORK IS:

1. All required testing (By Owner)

END OF BID CATEGORY 02000 GENERAL