
SECTION 002416
SCOPE OF WORK
BID CATEGORY SPECIFIC NOTES

BID CATEGORY 04C - General Trades

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

BASE SPECIFICATION – (Include all Work specified or reasonably inferred)

002413 – SCOPE OF WORK GENERAL NOTES – (Include all Work specified or reasonably inferred)

042000 – UNIT MASONRY

051200 – STRUCTURAL STEEL FRAMING

053100 – STEEL DECKING

054000 – COLD FORMED METAL FRAMING

055000 – METAL FABRICATIONS

055813 – COLUMN COVERS

057300 – DECORATIVE METAL RAILINGS

061053 – MISCELLANEOUS ROUGH CARPENTRY

061600 – SHEATHING

064600 – WOOD TRIM

072100 – THERMAL INSULATION

078100 – APPLIED FIREPROOFING

078413 – PENETRATION FIRESTOPPING

081113 – HOLLOW METAL DOORS AND FRAMES

081416 – FLUSH WOOD DOORS

083113 – ACCESS DOORS AND FRAMES

083323 – OVERHEAD COILING DOORS

087100 – DOOR HARDWARE

087200 – ACCESS CONTROL SYSTEM

092216 – NON STRUCTURAL METAL FRAMING

092900 – GYPSUM BOARD

095113 – ACOUSTICAL PANEL CEILINGS

098433 – SOUND ABSORBING WALL UNIT

101100 – VISUAL DISPLAY UNITS

101200 – DISPLAY CASES

101419 – DIMENSIONAL LETTER SIGNAGE

101700 – FRP TOILET PARTITIONS

102600 – WALL AND DOOR PROTECTION

102800 – TOILET, BATH AND LAUNDRY ACCESSORIES

116623 – GYMNASIUM EQUIPMENT (WALL PADDING)

122413 – ROLLER WINDOW SHADES

123216 – MANUFACTURED PLASTIC LAMINATE FACED CASEWORK

123623.13 – PLASTIC LAMINATE CLAD COUNTERTOPS

123661 – SIMULATED STONE COUNTERTOPS

Saline Area Schools 2015 Bond Program – 2017 Projects Phase 1

002416-1

Bid Release No. 4

Project No. 2714

Section 002416-Scope of Work-Bid Category Specific Notes, Bid Category 6X-Rough and Finish Carpentry and General Trades

Version 2

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REFERENCE SPECIFICATION – (Include portions of the Work specified as noted below)

079200 – JOINT SEALANTS

Include (Furnish and Install u.n.o):

1. Wood blocking indicated in the documents, including blocking for specialties, roofing, and plywood sheathing as required. Coordinate blocking requirements with equipment suppliers and other Trades.
2. Architectural woodwork.
3. Casework and countertops including required blocking.
4. Coordinate location of door frame openings with metal stud and other Trade Contractors as required for high quality installation.
5. Security of materials furnished by others for installation by this bid category.
6. Millwork items included in the documents, including standing and running trim.
7. Joint sealants associated with the Work of this bid category.
8. Fire extinguishers for use during construction in accordance with specification section “Temporary Facilities and Controls”.
9. Wood doors.
10. Allowance in the amount of \$10,000.00 to provide labor and material to construct temporary protection, doors, covers, etc. as directed by Clark Construction Company.
11. Coordinate dowel location requirements with other Trades.
12. Reinforcing and other accessories (e.g. ties, anchors, drainage weeps, etc.).
13. Protect existing floors from mortar and other damage. Clean floors upon completion of the Work or more frequently as required.
14. Control joints in accordance with the Documents and as required to meet quality masonry practice. Review Control joint layout with Clark Construction Company and the Architect prior to performing the Work.
15. Review special conditions (e.g. joining of dissimilar masonry and other materials, etc.) with Clark Construction Company and the Architect prior to beginning the Work.
16. Reinforcing steel and grouting associated with the Work of this bid category.
17. Smoke and fire stopping as required.
18. Construct box outs as required. Coordinate required location and dimensions with other Trades.
19. Install sleeves furnished by others. Coordinate required location with other Trades.
20. Grout hollow metal frames as required.
21. Install access doors required and furnished by others.
22. Expansion joints as required and as indicated in the documents.
23. Glazed block.
24. Field touch-up of shop primers, paint, galvanizing, etc.
25. Remove excess materials from the site in a timely manner as directed by Clark Construction Company.

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26. Handrails.
27. Toilet Partition support framing.
28. Toilet room countertop support framing.
29. Loose masonry lintels.
30. Furnish required shop drawings in a timely manner to allow for adequate review time by Clark Construction Company and the Architect to meet requirements of the project schedule.
31. Coordinate with the Mechanical Contractor and other Trades requiring openings and support framing in the structural steel for the HVAC units and other material and equipment.
32. All welders shall be certified for the welding Work they will be performing. Each welder's certificate shall be submitted prior to performing the Work.
33. Hoisting equipment support mats required to complete the Work of this bid category.
34. Provide generator, electrical power as needed to perform the Work of this bid category.
35. Remove temporary shoring and bracing associated with the Work of this bid category. Schedule removal to assure safety.
36. Removal of rust, scale and slag from steel in areas to be exposed or to receive paint, etc.
37. Prime painting except in locations where it will inhibit the quality of Work by other Trades (e.g. steel embedded in concrete, steel to receive fireproofing, galvanizing, etc.).
38. Clean dirt and mud from all materials following erection.
39. Trade Contractor representatives involved in the Work of this bid category including project manager, detailer, fabricator, erector, safety representative, etc. shall attend a "Structural Steel Start-Up Meeting".
40. All hollow metal frames (including anchoring devices), hollow metal doors, and finish hardware.
41. Reinforcing of framing and doors as required for hardware installation.
42. Deliveries shall be phased to meet requirements of the project schedule.
43. Construction cores and final keying of all hardware furnished by this bid category.
44. Number all door frames on the center hinge knockout.
45. Lock cylinders and cores for aluminum doors.
46. Final adjustments to hardware as directed by Clark Construction Company.
47. Coordinate undercutting of doors with floor finishes.
48. Coordinate opening and other dimensions as required with other Trades.
49. Electric motors and operators.
50. Verify door travel and adjust as required upon completion of the project.
51. Blocking required for a complete installation whether or not indicated in the Documents.
52. Coordinate ceiling layout with other Trades.
53. Cutting of material for penetrations by other Trades.

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54. Provide additional lighting as needed to provide high quality gypboard finish.
55. Fire stopping associated with the work of this bid category.
56. Framing for built in equipment (i.e., recessed overhead projector screens, recessed projector lifts, built in televisions, etc.).
57. Temporary disconnect projector and reinstall after new ceiling is in place.
58. Remove mortar and provide joint sealants in masonry.
59. Coordinate location and dimensions of wall and ceiling openings required by other Trades. Provide opening framing as required.
60. Reinstall tackboards, markerboards and operable partitions.
61. Remove and re-install Owner's dedication plaques.
62. Rework existing ceiling around new work items.
63. Sound baffles.
64. Prefabricated column covers.
65. Hoisting and scaffolding as required to complete the Work of this bid category.
66. Masonry mock ups for Owner/Architect approval.
67. Coordinate window, door and other opening dimensions with other Trades. Construct opening dimensions within tolerances provided by others to allow for ordering and manufacturing of window systems, doors and other material prior to masonry installation.
68. Sealants associated with the Work of this bid category.
69. Special brick shapes (i.e. lip brick, circular, corner etc.) as required.
70. Cleaning of masonry.
71. Installation of sound attenuating material at voids at top of masonry and other openings as required.
72. Masonry "toothing" required at new openings in existing walls. Reuse old brick when possible.
73. Maintain streets and public areas free of dirt, mud and debris. Daily or more frequent road sweeping as required when debris is tracked onto roads.
74. Install roof drain sump pans furnished by others.
75. Structural framing shall be designed by a registered engineer. Design documents shall include stamp of the registered engineer acceptable to regulatory agencies.
76. Gypboard joint compound application requirements beneath painted finish shall meet or exceed recommendations for the type of paint (i.e., flat, semi gloss, gloss) and highest quality finished appearance. Building lighting and natural lighting shall be taken into consideration in application of joint compound to assure highest quality finished appearance.
77. Minor spotting of gypboard prior to final coat of paint.
78. Acoustical wall panels.
79. Building insulation.
80. Sound insulation.

Health and Safety Special Requirements:

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1. Provide a minimum of 20 pound U.L. rated multi-purpose (Type A, B, C) fire extinguishers on stands spaced throughout the building at all times spaced such that the travel distance to a fire extinguisher shall not exceed 100 feet. Fire extinguisher stand shall be “Fire-Safety Mate” of equal as manufactured by Gorla Corporation, (telephone 888.464.6742).
2. Steel Erector’s Qualified Person shall develop a detailed erection plan in accordance with OSHA 1926, Subpart R, Appendix A. The erection plan shall be reviewed with Clark Construction Company Project Superintendent.
 - a. Changes in the erection plan shall be approved by the Erector’s Qualified Person
 - b. The steel erection plan shall be maintained at the project site and a copy provided to Clark Construction Company’s Project Superintendent.
3. Steel erection shall not start prior to written conformation from Clark Construction Company that concrete associated with steel erection has attained 75% of the minimum intended compressive strength or sufficient strength to support the loads imposed during steel erection. Refer to MIOSHA Part 26 requirements.
4. Submit structural steel bracing plan to Clark Construction Company prior to start of erection of structural steel.

Exclude:

1. Aluminum door system hardware.
2. Electrical connection of access control system.