

# THE WHITING-TURNER CONTRACTING COMPANY

300 EAST JOPPA ROAD | TOWSON, MD 21286

## C. SPECIFIC SCOPE OF WORK

### Unit 05A – Structural Steel

This work shall include all labor, supervision, material, tools, equipment, shop drawings, submittals, layout, unloading, scaffolding, ladders, hoisting, transportation, taxes, permits, engineering, support functions, insurance, bonds, and any other items or services necessary for and reasonably incidental to the proper execution and completion of the work, whether temporary or permanent, in accordance with all drawings, specifications, addenda, general conditions, requirements, and other related documents as indicated herein. The scope of work shall include but not be limited to the following: (All work shall be furnished and installed unless specifically noted otherwise herein.)

<b><u>Specific Scope of Work: Structural Steel &amp; Miscellaneous Metals</u></b>	<b>Included</b>	<b>Excluded</b>
1. This subcontractor is fully responsible for all drawings and specifications provided during and after the bid phase of this project. This subcontractor is also responsible for any additional/revised drawings & documents formally issued by Whiting-Turner throughout the bid phase via addendum. This includes drawings and specifications directly related to their respective scope, as well as all other drawings and specifications, regardless of their association with this respective scope of work. A complete listing of all drawings and specifications is attached hereto as Exhibit D.		
2. Subcontractor is responsible for all notes in the contract documents related to this scope of work.		
3. Provide all submittals, certifications, reports, source of supply, samples, shop drawings, mock-ups, product data, as-builts, O&Ms and warranties, as required by specifications.		
4. Attend pre-installation meeting		
5. Work is not required to be union, open shop or prevailing wage. All qualified bidders are welcome to submit bids for the project. Submission will be awarded off 90% CDs in the spring of 2021 on a best-value basis.		
6. Schedule is working 4x10s, Monday through Thursday. See general scope for additional detail.		
7. Provide mockup installation and removal per specifications. Mockups are to be performed on site and shall not be assumed to be used as part of the final installation.		
8. Submit complete set of shop and erection drawings and calculations signed and sealed by an engineer registered in the State of New York.		
9. All structural steel, sections and shop fabricated ferrous metal items, galvanized and prime painted, including , but not limited to, beams, joists, trusses, gusset plates, structural tubing, channels, angles, bent plates, slip connections, bolted connections, welded connections, girts, tension rods, shear connections, plate girders, stiffener plates, permanent steel bracing, and base plates.		
10. Field check and verify all dimensions and elevations of existing work prior to fabrication of materials.		
11. All equipment and materials needed to complete this scope of work are to be stored within the limits of disturbance as defined in the Contract Documents.		
12. All on-site staging areas are to be approved for use by W-T prior to delivery of any materials.		
13. Survey all conditions affecting this work including, but not limited to, anchor bolt and embed placement prior to start of erection. Inform WT at least 2 weeks prior to start of erection of any problems.		
14. The Subcontractor agrees to participate in a composite project clean-up crew supervised by Whiting-Turner and as outlined Exhibit E - General Scope of Work.		
15. Haul offsite all surplus materials. Place all debris and waste materials in dumpsters provided by WT.		
16. Provide all specified warranties. Warranties are to begin from date of project substantial completion and last for one (1) year. This includes all labor performed		

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and all materials provided and/ or installed in conjunction with this project.		
17. Coordinate with other trades as required.		
18. Complete all work in accordance with AISC unless specifications indicate otherwise.		
19. Structural steel at the C.F.M Building.		
20. Structural steel at the Ticketing Pavilion.		
21. Structural steel at the Restroom Pavilion.		
22. Furnish, install and remove all temporary shoring and bracing for lateral stability of building required to complete this scope of work.		
23. Furnish and install galvanized metal decking where indicated, cut openings as necessary for skylights, equipment, etc. When/where this subcontractor is creating an opening provide temporary perimeter cable or similar protection (screwed down plywood is acceptable with sufficient overlap on decking).		
24. Furnish and install bent plate / L angle (or similar) at roof perimeters and framed at openings in roof decks, including but not limited to skylight, equipment, mechanical/plumbing penetrations, edge support framing at the C.F.M.		
25. Furnish, install, maintain and remove wire rope safety cable per OSHA and local standards at all floors, stairs, floor openings, and at elevator hoistways while on-site at steel framed structures.		
26. Finish strips, reinforcing channels, sump pans, etc. as required to result in complete installation of roof deck.		
27. Tolerances on structural steel installation shall be in accordance with the project specifications and industry standards. This subcontractor is responsible to carefully review drawings and advise WT of any conflicts prior to installation.		
<b>Miscellaneous Metals Scope</b>		
General/Site Related Misc. Metals		
28. Furnish and install bike racks embeds.		
29. Furnish and install new ST-02 exterior handrail, including, cap steel, flat steel posts, tubular steel handrail, galvanized pipe rails, required connections, etc. as required for complete installation.		
30. Core drilling and grouting included for new exterior handrail systems not cast in place.		
Admin Building		
31. Furnish and install elevator pit ladders, sump pit embed angle and grating.		
32. Furnish and install elevator support and guiderail steel.		
33. Furnish and install countertop supports.		
34. Furnish and install new handrail and guardrail at the Administration Building Stairs 01, and 02, including metal channels, mesh panels, brackets, pipe handrail, flat bars, center rails, grab rails, edge protection, required connections, etc. as required for complete installation.		
35. Furnish timber framing custom metal clips.		
Welcome/Ticketing		
36. Furnish and install continuous plates at the existing Scandrett Building roof girders.		
37. Furnish and install all AECS exposed post bases at the Pond Pavilion and Admin Buildings.		
38. Furnish and install bench supports and anchor bolts including but not limited to the Pond Pavilion wood bench.		
39. Support steel at the ceiling hung mirrors in the Restroom Pavilion.		
40. Furnish and install steel cap plate, typical, at post to truss connection details.		
CFM Building		
41. Furnish and install elevator support steel.		
42. Furnish and install elevator pit ladders, sump pit embed angle and grating.		
43. Furnish and install roof access ladder.		
44. Overhead door vertical supports at the C.F.M. Building. Include allowance for misc. plates, angles, etc. required by overhead door system.		
45. Safety railing at roofs, including but not limited to the Administration Building.		
46. Furnish and install countertop supports.		

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47. Furnish and install pipe support bridgeway at the C.F.M Fire Tank.		
48. Furnish and install new Stair cases, handrails, and guardrails at the C.F.M Building Stair 102, and 210, including stringers, risers, treads, metal channels, mesh panels, brackets, pipe handrail, flat bars, center rails, grab rails, edge protection, required connections, etc. as required for complete installation.		
49. Furnish and install ladder at the Fire Protection Tank at the C.F.M.		
50. Furnish new bollards and baseplates to be installed by other trades.		
51. Furnish and install support steel at skylights. Include allowance to furnish and install miscellaneous steel plates, angles, etc. at the skylight details, typical, that may be required by skylight vendor.		
Pond Pavilion		
52. Furnish and install bar top support steel at the Pond Pavilion.		
53. Furnish and install countertop supports.		
54. Furnish and install timber framing custom metal clips.		

## Pricing Breakdown as Follows:

- C.F.M – Structural Steel & Decking\$\_\_\_\_\_
- C.F.M – Misc. Metals\$\_\_\_\_\_
- Welcome Area (Restroom, ticketing, canopy) Structural Steel \$\_\_\_\_\_
- Welcome Area Misc. Metal \$\_\_\_\_\_
- Admin Building Misc. Metals \$\_\_\_\_\_
- Pond Pavilion Misc. Metals\$\_\_\_\_\_
- General Site Misc. Metals\$\_\_\_\_\_

**Total (Add Bond if Over \$100k) = \$\_\_\_\_\_**