

THE WHITING-TURNER CONTRACTING COMPANY

300 EAST JOPPA ROAD | TOWSON, MD 21286

C. SPECIFIC SCOPE OF WORK

Unit 21A – Fire Protection

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.)

<u>Specific Scope of Work: Fire Protection</u>	Included	Excluded
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. Complete Fire Protection system as required.		
6. All engineering, design, calculations, certifications and drafting required to provide a complete operating fire protection system in accordance with contract documents.		
7. Provide sprinkler coverage within the construction limits.		
8. Sprinkler system shall be designed and coordinated with ductwork, piping, lighting & equipment. No change orders shall be accepted for coordination. Provide coordinated drawings as required.		
9. All sprinkler heads to be installed where indicated on the drawings, specifications, local Fire Marshal and codes.		
10. Provide new piping, sprinkler head, drain piping, anchors, valves, switches, gauges, supports, fittings, devices, escutcheon plates, guards, hangers, etc. as required to provide complete & operational Fire Protection system.		
11. Perform final testing of system as required by governing agencies. Coordinate all testing with fire alarm as required. Fire alarm testing by others.		
12. Include drain down and refill as required.		
13. All work will be performed by an installer licensed by the state of New York.		
14. This subcontractor is responsible for obtaining all final approvals from the authorities having jurisdiction. Subcontractor shall arrange all inspections with the Fire Marshal and be available to test the systems available.		
15. Turn up sprinkler heads as required.		
16. Furnish and install all pumps related to this scope, including but not limited to, jokey pump, diesel sprinkler booster pump, etc.		
17. Furnish and install diesel tank at CFM building. All other fire protection tanks at the CFM building and the Administration building will be provided by Others. This subcontractor owes all piping, final connections, etc. at each tank.		
18. Furnish & install all fire stopping / fire caulking as indicated on the contract documents and as required per code for this contractor's work.		
19. Subcontractor shall include GPR and/or X-Raying of all concrete slabs prior to		

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sawcutting, core drilling, or creating any other penetration. Coordinate core drill locations with engineer of record. Provide sleeves where required in new concrete slabs, walls and CMU.		
20. Subcontractor shall take extreme care when working around the finish work of other trades. The cost of repairing and/or replacing work of others damaged by this subcontractor to the finish work of others shall be backcharged to this subcontractor.		
21. Subcontractor shall be responsible for all owner training pertaining to this scope of work as indicated in the contract documents.		
22. Contractor will have inspections by local jurisdictions and authorities and 3rd party inspectors scheduled as to meet the CM's schedule. The contractor will notify the CM of inspection date and time.		
23. Provide all cutting, patching and sealing of openings required for the proper installation of this Contractor's Work.		
24. Furnish access panels required for this scope of work for installation by others.		
25. Provide all labor, standby mechanics, and equipment for all testing and startup.		
26. Identification devices (labels and tags).		
27. Obtain and pay for any permits required by local jurisdiction or other governing authority to complete the work. This shall include all permits not covered under the general building permit.		
28. Touch-up all damages to factory applied finishes.		
29. Subcontractor shall be responsible for all hoisting, scaffolding, lifting, temporary bracing, etc. as needed to complete this scope of work.		
30. Subcontractor has included all mobilizations necessary to accomplish this scope of work in accordance with the project schedule.		
31. All layout is included.		
32. 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.		
33. Haul offsite all surplus materials. Place all debris and waste materials in dumpsters provided by WT.		
34. This Subcontractor shall be held responsible for all liquidated damages incurred as a result of any delay caused by this Subcontractor as set forth in Whiting-Turner's contract with the Owner. Liquidated damages to include \$0 for days 1-20, \$2,000 per day for days 21-40, \$3,000 per day for days 41-60, \$4,500 per day for days 61-100, and \$9,000 per day thereafter.		
35. 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 and all materials provided and/ or installed in conjunction with this project.		
36. Coordinate with other trades as required.		

Pricing Breakdown as Follows:

- Administration \$_____
- C.F.M \$_____

Total (Include Bond if Over \$100k) = \$_____