

**THE WHITING-TURNER CONTRACTING COMPANY**  
**300 EAST JOPPA ROAD | TOWSON, MD 21286**

**SPECIFIC SCOPE OF WORK**

**Unit 03A – Cast-in-Place Concrete**

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>Specific Scope of Work:</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. Applicable specification sections:<br>4. The work primarily includes but is not limited to the following specification sections as well as related work specified or shown elsewhere in the contract documents:<br>a. Division 1 – General Requirements<br>b. 033000 - Cast-in-Place Concrete<br>c. 033055 – Cast-in-Place Concrete (Site)<br>d. 033543 – Polished Concrete Finishing<br>e. 034501 – Architectural Precast Concrete Sitework  |                 |                 |
| 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. 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.   |                 |                 |
| 9. Provide all engineering as required from the specifications. Provide signed, sealed drawings and calculations by a New York licensed engineer for this scope of work.   |                 |                 |
| 10. Attend pre-installation meeting  |                 |                 |
| 11. Provide (furnish & install) all cast-in-place structural concrete per the contract documents; including, but not limited to the Administration Building, Welcome Pavilions, Conservation Building, & Pond Pavilion.  |                 |                 |
| 12. Provide structural cast-in-place concrete including but not limited to foundations, footings, slabs, elevator pits, paving, etc. as indicated. Excavation by this sub for foundations.   |                 |                 |
| 13. Provide all architectural finishes at cast-in-place concrete; including, but not limited to, brushed hammered finish, in-situ, & polished concrete.  |                 |                 |
| 14. Furnish and install pre-cast concrete retaining walls WA-01, WA-02, WA-03  |                 |                 |

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| per locations shown and per the Materials Legend on L-201.  |  |  |
| 15. Furnish & install cast-in-place concrete counter at the Pond Pavilion.  |  |  |
| 16. Provide stone base, expansion joints, rebar, stirrups, ties, chairs, wire mesh, etc. as required to complete this scope of work.  |  |  |
| 17. Provide bond breakers as indicated or required.   |  |  |
| 18. Provide bonding agent as indicated or required.   |  |  |
| 19. Provide expansion joints, control joints, sawn and construction joints as indicated. Joints to include sealant, snap caps, dowels, etc. as shown in the typical jointing plans on sheet L-701.  |  |  |
| 20. Provide vapor barriers and water stops as indicated.  |  |  |
| 21. Provide rigid insulation as indicated. While loosely laid provide weighted elements to keep board insulation from moving/flying around site due to wind.  |  |  |
| 22. Provide thickened slabs as indicated.   |  |  |
| 23. Provide isolation joint at steel columns as indicated.  |  |  |
| 24. Provide keyways as indicated.   |  |  |
| 25. Provide concrete fill and grout around steel columns as indicated.  |  |  |
| 26. Provide formwork as required to complete this scope of work.  |  |  |
| 27. Provide mucking and de-watering as required during construction.  |  |  |
| 28. Install recess, depressions, block-outs, roughened slabs as indicated or required per projects documents and/or approved shop drawings by others. Coordination required.  |  |  |
| 29. Provide all site/concrete foundation for all handrails, site lighting, benches, etc.  |  |  |
| 30. Foundations for benches are by this 03A subcontractor. This subcontractor is responsible for setting of metal support/anchor bolts; metals and shop drawings of such are provided to this subcontractor by others.  |  |  |
| 31. Foundations at gates, barriers and fences are by others.  |  |  |
| 32. Provide all hot & cold additives in concrete as required based on project schedule.   |  |  |
| 33. Provide all cold/hot weather protection as required to complete this scope of work per the project schedule. Cold weather protection to include but not be limited to the following: heaters, blankets, snow removal, hot water, additives, accelerators, additional labor, tenting, dunnage, temporary protection, ice, etc. |  |  |
| 34. Subcontractor shall remove all excess concrete from site. Wash-out, etc. shall not be placed in dumpsters.  |  |  |
| 35. Provide all required test samples for approval by Engineer.   |  |  |
| 36. Provide concrete curing methods per ACI and as indicated.   |  |  |
| 37. Provide all excavation, backfill and compaction as required to complete this scope of work. Assume subgrade of finishes is provided by others.  |  |  |
| 38. Compact all backfill to meet the requirements set forth in the project specifications. The compaction is to be verified by a Geotechnical Engineer prior to proceeding with the next concrete pour. Stockpile excess backfill in designated area outside.   |  |  |
| 39. Provide gravel/stone subbase as indicated.  |  |  |
| 40. Grouting at base plates, etc. installed by others.  |  |  |
| 41. Install bollards furnished by others.   |  |  |
| 42. Provide excavation for all footings. Subcontractor includes placement and compaction of all footing spoils and fill around footings and foundation walls.   |  |  |
| 43. Furnish and install below grade perimeter drainage at foundation walls, pre-cast retaining walls, etc. at locations shown on the contract documents. Include drain piping, stone, filter fabric, aggregate, etc. for a complete system.   |  |  |
| 44. Damp proofing at foundation walls.  |  |  |
| 45. Cast-in-place concrete at the fire protection storage tanks at the C.F.M and Administration Building.   |  |  |
| 46. Subcontractor to haul off all excess spoils to an area north of the Pond Pavilion as designated by the Owner. At no time shall existing subgrade earth  |  |  |

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| material leave site without written approval from Whiting-Turner.   |  |  |
| 47. Install sleeves at cast-in-place concrete. Coordinate location of sleeves with respective trades.   |  |  |
| 48. Provide all submittals, samples, mix-design, shop drawings, engineering, O&M's, warranties, as-builts, etc. as required.  |  |  |
| 49. Install all anchor bolts, leveling plates, embeds, etc. (furnished by others) as required by other trades. Coordinate mounting locations, heights, etc. with other trades as required.  |  |  |
| 50. Provide all certifications, reports, product data, source of supply, etc. as required by the contract documents.  |  |  |
| 51. Subcontractor shall coordinate with Whiting-Turner all required inspections by both local jurisdictions and third-party inspectors.   |  |  |
| 52. Preparatory work required for the slab on grade including stone layer, vapor barrier, and any accessories necessary to complete work.   |  |  |
| 53. Investigation for below grade utilities prior to performing any excavation activities. Subcontractor has read and agrees to partake in the Whiting-Turner Utility Avoidance Plan.   |  |  |
| 54. Include epoxy coated rebar as specified.  |  |  |
| 55. Slope concrete slabs to floor drains.   |  |  |
| 56. Slope all slabs are required by the contract documents.   |  |  |
| 57. Concrete flatwork is to have finishes as noted per project drawings and specifications.   |  |  |
| 58. Curing compounds and hardeners to be used as specified. All items used should be compatible with finished floor materials manufacturing requirements.   |  |  |
| 59. Include layout from GC control, benchmarks.   |  |  |
| 60. Provide all equipment, scaffolding, accessories as required to complete this scope of work.   |  |  |
| 61. Haul offsite all surplus materials. Place all debris and waste materials in dumpsters provided by WT.   |  |  |
| 62. Provide cut sheets for scaffolds and/or lifts required for this scope of work to Whiting-Turner within (5) days of award.   |  |  |
| 63. 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. |  |  |
| 64. Coordinate with other trades as required.   |  |  |
| 65. Subcontractor includes all mobilizations required per the project schedule.   |  |  |
| 66. A minimum of forty-eight (48) hours' notice is to be provided for all concrete pours to ensure that testing agency is on-site to test concrete.   |  |  |
| 67. This subcontractor has completed and returned the Owner required Prequalification Form to Whiting-Turner.   |  |  |

***Pricing Breakdown as Follows:***

- Base Budget Administration Building \$ \_\_\_\_\_
- Base Budget Restroom Pavilion \$ \_\_\_\_\_
- Base Budget Ticketing Building \$ \_\_\_\_\_
- Base Bid Canopy/Group Shelter \$ \_\_\_\_\_
- Base Budget C.F.M. Building \$ \_\_\_\_\_
- Base Budget Pond Pavilion \$ \_\_\_\_\_

***Total = \$ \_\_\_\_\_***

***Unit Costs***

- F&I Moisture Mitigation at SOGs scheduled to receive wood flooring \$ \_\_\_\_\_/sf