

Murray Contractors BID MANUAL
Section #: 03 BUILDING/SITE CONCRETE

Bid Package # 03 BUILDING/SITE CONCRETE

Your signature on this page is confirmation of your bid and an acknowledgement and acceptance of the requirements of the Murray Bid Manual, project schedule and all Addendums and CM Clarifications.

 Company AR State Contractor's License #

 Name Title

 Address

 City State Zip Code

 Phone Number w/ Area Code Email Address

Specification:

Bidders will include work from referenced specifications and other work normally associated with this trade whether referenced or not.

1. 03 1000 CONCRETE FORMING AND ACCESSORIES
2. 03 1100 CONCRETE FORMWORK
3. 03 2000 CONCRETE REINFORCING
4. 03 3000 CAST-IN-PLACE CONCRETE
5. 32 1116 AGGREGATE STONE BASE
6. 32 1313 PORTLAND CEMENT PAVING
7. 32 1373 CONCRETE PAVING JOINT SEALANTS
8. 32 1600 SIDEWALKS AND CURBS
9. 06 1063 EXTERIOR ROUGH CARPENTRY

Scope of Work:

The bid package shall also include the following items but shall not limit more stringent requirements found elsewhere in the contract documents unless specifically listed as exclusion below.

1. Provide all labor, supervision, equipment, hoisting, materials, licenses, and trade permits required to perform all work, turnkey, outlined in this subcontract. Work not specifically shown but considered a standard requirement in the completion of this work is included.
2. All applicable sales tax (unless noted otherwise)
3. Submittals and shop drawings submitted to Murray Contractors within (14) days of award of contract.
4. Closeout documents submitted per Murray Contractors closeout procedures with (14) days prior to the original substantial completion date of the project.
5. Specified warranties shall be from the date of substantial completion.

6. Freight to the jobsite as it pertains to this scope of work, including any quick-shipment premiums.
7. Maintain accurate as-built drawings.
8. Verification of elevations and field measurements shown on documents prior to commencing work.
9. Installation of materials over substrate indicates acceptance of substrate.
10. Required layout for this scope, benchmark provided by others.
11. Required coordination with other trades.
12. Multiple mobilizations as required to perform this scope of work.
13. Should this subcontractor delay the critical path schedule, subcontractor shall provide all necessary overtime and manpower required to return this scope of work to be on schedule no cost to Murray Contractors.
14. Qualified, properly trained, and experienced supervision at all times.
15. Unloading of materials and deliveries to be placed on proper dunnage to prevent product damage.
16. Provide weather protection for stored materials.
17. Repair and replace any damage done to existing SWPPP measures by this trade.
18. Cleanup of any track out by this trade.
19. Subcontractor is responsible for damage done by its own forces to other trade's work.
20. Provide daily clean-up of all debris generated by subcontractor to Murray Contractors provided dumpster.
21. Compliance with all rules, regulations, and requirements of local, state, and federal authorities.
22. All work shall strictly comply with adopted building codes. Any discrepancies should be clarified and approved by authority having jurisdiction.
23. Full compliance with Murray Contractors safety policies and all governing OSHA guidelines.
24. All cost associated with perimeter safety, fall protection, and personal protective equipment.
25. Full compliance with OSHA "Hot Work" policy.
26. All equipment operators to be properly trained and OSHA certified.
27. Prevailing wage rates and documentation.
28. Parking fees, shuttle cost, and transportation for this trade.

Trade Specific Scope of Work

1. Provide all labor, materials, equipment, and incidentals for site concrete work per Sections 03 1000 Concrete Forming and Accessories, 03 1100 Concrete Formwork, 03 2000 Concrete Reinforcing, 03 3000 Cast-in-Place Concrete, 32 1116 Aggregate Stone Base, 32 1313 Portland Cement Paving, 32 1373 Concrete Paving Joint Sealants, 32 1600 Sidewalks and Curbs, and 32 3219 Garden Wall.
2. Furnish and install formwork, accessories, and bracing for all site concrete elements to achieve required lines, grades, and dimensions.
3. Furnish, place, and secure reinforcing steel (rebar and welded wire mesh) for all site concrete elements as shown on the drawings and specified.
4. Furnish and place cast-in-place concrete of the specified strength, air content, and mix design for all site concrete applications.
5. Furnish and install crushed stone aggregate base course under all site concrete paving, walks, and related elements, including proper color and exposed aggregate, placement, moisture control, and compaction.
6. Construct all concrete paving for parking areas, drives, and vehicular surfaces per, including heavy-duty and standard-duty thicknesses as indicated.
7. Construct all concrete sidewalks, pathways, and pedestrian paving per Section 32 1600, including proper cross slopes for drainage and light broom finish.
8. Construct all concrete curb and gutter, including machine-poured and hand-formed sections, curb returns, and curb cuts, drawings.
9. Provide and install expansion joints, control joints, and joint fillers in all concrete paving, walks, and curbs as detailed and specified.
10. Furnish and install concrete paving joint sealants in expansion, isolation, and contraction joints.

11. Construct concrete foundations for all fencing, including post footings sized and reinforced as shown on the drawings and per related fence specifications.
12. Construct concrete foundations for garden walls per the drawings.
13. Construct concrete foundations for bridges and boardwalk supports as shown on the drawings.
14. Construct concrete foundations for signage, including posts and bases as detailed.
15. Construct concrete foundations for artwork installations as shown on the drawings.
16. Construct concrete foundations for archways and trellises as detailed.
17. Construct concrete pathway stairs, including treads, risers, and landings, with proper drainage and finishes.
18. Construct concrete root bridging and related grade transitions as indicated on the plans.
19. Construct concrete pavement foundations and bases under play structures, including log steppers and similar elements.
20. Construct the concrete dumpster pad, including reinforcement, joints, and proper drainage slope.
21. Construct concrete foundations for site furnishings (benches, trash receptacles, bike racks, etc.) as shown.
22. Construct entrance aprons and related concrete transitions at drives and parking areas.
23. Provide concrete substrate and structural slabs under all unit paving/hardscape areas for subsequent installation by the hardscape contractor.
24. Construct concrete elements associated with parking lot edges, islands, and transitions as shown on the Civil drawings.
25. Proof-roll and prepare subgrades under all concrete paving and foundations prior to placement of aggregate base or concrete, coordinating with the earthwork contractor.
26. Perform all required concrete testing, sampling, and quality control (slump, air content, compressive strength cylinders) at the frequencies specified in the applicable sections.
27. Coordinate layout, elevations, and interfaces of all site concrete with adjacent earthwork, paving, fencing, hardscapes, utilities, and planting areas.
28. Protect freshly placed concrete from damage, traffic, and weather; maintain curing methods as specified.
29. Saw-cut, form, or tool all joints to the required depths and alignments; clean and prepare joints for sealant installation.
30. Backfill behind curbs and other concrete elements as soon as practical, coordinating with the earthwork contractor.
31. Clean all completed concrete surfaces of stains, debris, and excess materials prior to final inspection.
32. Repair or replace any defective, cracked, or non-conforming concrete as directed by the Architect or Landscape Architect.
33. Obtain all required permits for curb cuts or work in public rights-of-way and pay associated fees.
34. Submit product data, mix designs, reinforcement shop drawings, and samples as required by the applicable specification sections.
35. Construct required mockups or sample areas of concrete finishes (broom finish, etc.) for Architect/Landscape Architect approval prior to full production.
36. Coordinate sequencing so that concrete foundations are available for fencing, garden walls, site furnishings, and other subsequent trades.
37. Maintain positive drainage away from buildings and structures on all concrete surfaces and grades.
38. All work shall comply with the listed specification sections, the Civil drawings (Crafton Tull), Landscape drawings (Dirtworks/WER), Architectural drawings where applicable, the Geotechnical Report, and Division 01 requirements.

Base Bid Amount

	\$
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Bid Breakouts

	\$	
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	\$	
	\$	

Alternates

Alternate #	Description	Amount
		\$
		\$
		\$

Addenda

Addenda #	Date

VOLUNTARY VALUE ANALYSIS

Value Analysis propositions will be strongly considered in the subcontractor selection process. Bidders are encouraged to explore and identify Value Analysis savings for this scope of work. Please describe below (and on separate page if necessary) any cost saving opportunities as well as potential savings:

Unit Prices:

The contract between Murray Contractors and the successful low bidder will be a fixed lump sum Subcontract Agreement. For revisions to the scope of the project and/or revisions to the contract documents, the lump sum contract amount would be adjusted by change order at the following unit prices. All unit prices shall include labor, materials and equipment. Where applicable to Scope of Work, provide the following unit prices. (Insert N/A if it does not apply)

Unit Price	Amount	Unit
	\$	
	\$	
	\$	