

**Murray Contractors BID MANUAL
Section 31 EARTHWORKS****Bid Package # 31 EARTHWORKS**

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. 02 7320 SELECTIVE DEMOLITION
2. 31 1000 SITE CLEARING
3. 31 1100 SITE PREPARATION
4. 31 2000 EARTH MOVING
5. 31 2200 SITE GRADING
6. 31 2300 EXCAVATION
7. 31 2500 STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
8. 32 1413 PERMEABLE GEO-BLOCK GRAVEL PAVING SYSTEM
9. 33 4100 STORM SEWER

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. Strip and remove topsoil from all pathway, drive, parking, sidewalk, hardscape, greenhouse, and maintenance shed building pad areas.
2. Remove roots, vegetation, stumps, and deleterious materials within the work limits; coordinate with tree protection requirements.
3. Perform all cut and fill necessary to achieve design subgrade elevations for parking areas, drives, fire access routes, sidewalks, and pathways per plans and specifications.
4. Perform all cut and fill necessary to achieve design finished floor and subgrade elevations for the greenhouse and maintenance shed building pads.
5. Maintain maximum slopes as indicated on the plans and provide positive drainage away from structures and pavements.
6. Undercut low-consistency soils to a stable subgrade in all pavement areas, extending a minimum of 3 feet beyond the edge of pavement.
7. Undercut low-consistency soils to a stable subgrade at the greenhouse and maintenance shed pads, extending a minimum of 5 feet outside the building footprints.
8. Remove existing uncontrolled low-consistency fill where encountered and replace with structural/engineered fill. (provide unit pricing)
9. Scarify building pad subgrades a minimum of 8 inches, moisture condition to within $\pm 2\%$ of optimum, and compact to a minimum of 98% of Standard Proctor maximum dry density.
10. Place and compact structural/engineered fill meeting Geotechnical Report criteria.
11. Compact structural/engineered fill under building pads and pavement areas.
12. Place structural/engineered fill in lifts not exceeding 8 inches loose thickness.
13. Place a minimum of 24 inches of imported engineered fill under asphalt parking areas, drives, and concrete paved areas (in addition to any undercutting required).

14. Proof roll all pavement and building pad subgrades per plans, specifications and Geotech.
15. Correct soft or unsuitable areas identified during proof rolling by undercutting or stabilization under Geotech observation. (provide unit pricing)
16. Provide stable, uniform finished subgrades ready for base course and paving by others in pavement areas.
17. Provide stable, uniform finished subgrades ready for slab-on-grade construction at the greenhouse and maintenance shed.
18. Excavate for all storm drainage pipes, structures, underdrains, and related features per plans and specifications
19. Provide proper trench bottoms and bedding for storm drainage pipes and structures in accordance with the plans and specifications.
20. Backfill storm drainage trenches with approved material, compacted in accordance with the Geotechnical Report and Section 31 2300 requirements.
21. Perform compaction testing as required per plans and specifications
22. Haul off and dispose of all excess excavated material, unsuitable soils, and debris at an approved off-site location.
23. Anticipate difficult excavation due to shallow chert, cobbles, and boulders; provide unit prices for rock excavation as defined in the specifications.
24. Maintain positive drainage and provide temporary dewatering as required for seepage or perched water during all earthwork and storm drainage operations.
25. Install and maintain temporary erosion and sediment control measures within the earthwork and storm drainage areas per the erosion control plans and SWPPP.
26. Coordinate with and provide access for the Geotechnical Engineer for observation of stripping, undercutting, fill placement, proof rolling, and trench backfill.
27. All work shall comply with the Civil drawings (Crafton Tull), applicable Landscape drawings (Dirtworks/WER), the Building & Earth Geotechnical Report (BV260045, May 27, 2026), Section 31 2300 Excavation and Backfill, and relevant ArDOT specifications.

Base Bid Amount

	\$
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Bid Breakouts

	\$	
	\$	
	\$	

Alternates

Alternate #	Description	Amount
		\$
		\$
		\$

Addenda

Addenda #	Date

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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
	\$	
	\$	
	\$	