

**CONTRACT DOCUMENTS
BOONE COUNTY, MISSOURI
BID NO: 50-19JUL05 Soft Pit Hill Road Improvement Project**

**ADDENDUM #2
(Issued July 14, 2005)**

This addendum is issued in accordance with the Introduction and General Conditions of Bidding and is hereby incorporated into and made a part of the Contract Documents. Bidders are reminded that receipt of this addendum should be acknowledged and submitted with bidder's *Response Form*.

Specifications for the above noted Request for Bid and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

BID DOCUMENTS:

1. Delete **Sheet 5.1 (Bid Forms)** of the **Bid Documents** in their entirety, and add the attached **Sheet 5.1 (Attached Revised Bid Forms)**. Attach Revised Bid Form Sheets to the inside front cover of the Bid Documents. **NOTE: A bid item for rock excavation has been added to the Bid Form that was not on the revised form distributed at the pre-bid meeting. Rock excavation to be included in this bid item includes rock removal necessary to complete the project, whether it is for pipe installation or mass excavation. No payment for this bid item will be made unless rock is encountered and removal is necessary to facilitate completion of the project. Rock excavation that has been authorized by the engineer for removal will be measured and paid at the unit price for "Rock Excavation". Unauthorized rock excavation beyond what the engineer determines to be necessary will not be measured for payment.**
2. The **Quantities for excavation and embankment** in the **Original Bid Form** are correctly listed as **615 CY for excavation and 1600 CY for embankment**. The difference between the embankment quantity on the bid form and the "cut/fill volume table" in the plan sheets is due to an assumed 15% shrinkage factor. The 1600 CY for embankment is the **total** quantity of embankment required. (i.e. All or part of the 615 CY of excavated material, if suitable, can be used to construct a portion of the 1600 CY of embankment. If all 615CY is used in the embankment, an additional 985 CY of imported material will be needed to complete the embankment.)
3. Add **Attached Sheets 15.13 and 15.14 (Fencing Specifications)** to the **Bid Documents** under **Technical Specifications**. Fence was added to the **revised plans (see Item 4 below)** to address the requirement to restrict access to the mitigation area and to address requests by the owner to replace the existing fence so this area can be used as livestock pasture.
4. Delete **Sheet 5 of 8** and **Sheet 6 of 8** in the plans sheets in **Appendix A** of the **Bid Documents** in their entirety. Add **Sheet 5 of 8** and **Sheet 6 of 8 (Attached Revised Plan Sheets)**. The revised plan sheets are also available as a separate download on the Purchasing website at: <http://www.showmeboone.com/PURCHASING/>
5. Regarding the discussion of an **extension of the contract time for "Substantial Completion" and "Total Completion"**, under "INSTRUCTIONS TO BIDDERS" in section 4.2 of the bid documents, **change the dates for "Substantial Completion" to October 1st and "Total Completion" to October 31st.**
6. On **Sheet 2 of 8** of the plan sheets in **Appendix C** of the **Bid Documents** under "**NOTES**", delete **Note 3**. that reads "remove existing fence along side of road, do not replace," and **replace with "3. Remove existing fence along side of road, and replace with fence as detailed in sheets 5 of 8 and 6 of 8."**
7. **Replace Annual Wage Order 11** in **Appendix A** of the Bid Documents and replace with the attached "**Annual Wage Order No. 12.**" **If this addendum was received via email, please download Annual Wage Order No. 12 from the Purchasing website at:** <http://www.showmeboone.com/PURCHASING/>

REVISED BID FORM – SOFT PIT HILL ROAD REALIGNMENT PROJECT
Project No. 9601

All items shown on the project plan sheets and not included in the bid items shall be deemed incidental to the project and included in the unit prices given. In case of error in the extension, the unit price times the estimated quantity will govern.

Description	Quantity	Unit	Unit Price	Extended Total
Mobilization	1	LS		
Construction Staking	1	LS		
Traffic Control	1	LS		
Removals	1	LS		
Excavation	615	CY		
Embankment	1,600	CY		
2" Thickness of 1" Surface Aggregate	224	TON		
4" Thickness of 2 ½" Minus Base Rock	448	TON		
Erosion Control Blanket	355	SY		
Turf Reinforcement Mat	1,500	SY		
Seeding/Fertilizing (includes mitigation area)	1	LS		
Mitigation Plantings	1	LS		
18" Corrugated Metal Pipe	128	LF		
60" Corrugated Metal Pipe	15	LF		
Fencing	1110	LF		
12' Wide Gate	1	EA		
Rock Excavation*	20	CY		
Base Bid Total =				

*Payment for this bid item will not be made unless rock is encountered and excavation is required.

FENCING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

- A. The Work consists of the furnishing and installing permanent fencing and appurtenances as designated on the plan sheets. Fencing types include woven wire and 4- or 5-strand barbed wire fencing.
- B. The installed fencing installed shall match the type of existing fencing.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Measurement of Fencing will be made to the nearest linear foot of permanent fence placed. The Contractor will include all labor, and material costs in the Linear Foot bid price for Fencing. Appurtenances and will be considered incidental to Fencing.

PART 2 – PRODUCTS

2.1 WIRE

- A. Woven Wire shall conform to ASTM A1160-00, top and bottom wire 10 gauge, filler wire 12.5 gauge at 6 inch spacing, wire height 39 inch with a weight of 170 pound per 20 rod roll.
- B. Barbed Wire shall be 12.5 gauge 4 point barbs at 5 inch on center, ASTM A121 Class 1 zinc coating with a weight of 87.75 pounds per quarter mile.

2.2 POSTS

- A. Corner posts shall be 7 inches in diameter at top by 8 feet long. Posts shall be southern yellow pine with pentachlorophenol treatment to 8.0 pounds per cubic foot retention.
- B. Brace posts shall be 6 inches diameter at top by 8 feet long. Posts shall be southern yellow pine with pentachlorophenol treatment to 8.0 pounds per cubic foot retention.
- C. Line posts shall be standard steel T-posts 6 feet long or wood posts (southern yellow pine with pentachlorophenol treatment to 8.0 pounds per cubic foot retention) 4 inches in diameter by 8 feet long. T-posts shall have a minimum of 12 inches in ground and wood posts must have a minimum of 30 inches in ground.
- D. Maximum spacing between corner posts and brace posts shall be 8' and maximum spacing between line posts shall be 10'.

2.3 BRACING

Bracing shall be 4-inch yellow pine with 9 gauge galvanized tie wires, 2-inch galvanized pipe or u-channel post.

2.4 CONCRETE

Concrete for post footings shall be ASTM C94, commercial mix Portland cement concrete with 3,500 pounds per square inch at 28 days.

2.5 GATES

Where a new gate is required, contractor shall provide tube-type gate. Single gate shall be used for spans up to 16'. Double gates shall be used for spans longer than 16'.

PART 3 – EXECUTION

3.1 POST INSTALLATION

- A. Install wood corner, end, brace, gate and pull posts in concrete with a minimum diameter of 18 inches to a depth of 3 feet.
- B. Set posts plumb, true to line and grade.
- C. Corner post assemblies shall be set at all horizontal angle points greater than 15 degrees in the line of the fence.
- D. Pull post assemblies shall be set at all vertical angle points greater than 15 degrees, but at not greater than 660 foot intervals.

3.2 WOVEN WIRE INSTALLATION

- A. Woven wire shall be pulled taut by approved hand powered mechanical means before it is attached to any line post.
- B. The bottom of the fabric for woven wire fence shall be not more than 3 inches above the ground at any point.
- C. Excavation along the fence shall be performed to obtain 1 inch minimum clearance.

3.3 BARBED WIRE INSTALLATION

- A. Barbed wire shall be pulled taut by approved hand-powered mechanical means before it is attached to any line post.
- B. The bottom of 4-strand shall be 12 inches \pm 2 inches above the ground at any point. The distance between strands shall not vary more than \pm 1 inch.
- C. The bottom of 5-strand shall be 9 ½ inches \pm 2 inches above the ground at any point. The distance between strands shall not vary more than \pm 1 inch.

END OF SECTION

By: _____
Heather Turner, CPPB
Buyer, Purchasing

BIDDER has examined copy of Addendum #2 to Bid Number *50-19JUL05 Soft Pit Hill Road Improvement Project*, receipt of which is hereby acknowledged:

Company Name: _____

Address: _____

Phone Number: _____ Fax Number: _____

Authorized Representative Signature: _____ Date: _____