



City of MARYLAND HEIGHTS

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DATE September 14, 2012

ADDENDUM NO. 1

Notice to All Persons and Firms proposing to Submit a Bid or Furnish Materials for City of Maryland Heights **McKelvey Woods Trail Bid No. 2012-09.**

The following questions were submitted for clarification for the McKelvey Woods Trail project. We are making the following revisions to the construction contract and specifications based upon these questions. The city has provided a response to each question for your information.

1. Asphaltic quantities are incorrect. 1.87 and 1.94 Tons/Square Yard were incorrectly used as multipliers for the 2" Bituminous wearing surface Type C and the 4" Bituminous Base Type X.

The asphalt quantities have been revised due to an increase in the application rate to 2.16 ton/cy for both Type C and Type X. The quantities have been adjusted on the Itemized Bid Form Addendum No. 1 included as part of this addendum. The prime coat and tack coat quantities are incidental and should be included with the unit price of the asphalt for Type C and Type X respectively.

2" Bituminous wearing surface Type C, 4" Bituminous Base Type X Asphaltic, and 4" aggregate quantities were not included for the circle turn around area at Station 0+00.

These quantities have been added to the Itemized Bid Form Addendum No 1.

21.2 Ton – 2" Bituminous Wearing Surface Type C

42.4 Ton – 4" Bituminous Base Type X

176.6 SY – 4" aggregate Base Type 5

2. What is the access to this trail project?

The access to this trail project as shown on the plans is via McKelvey Woods Court from McKelvey Road. No permit has been obtained from the railroad company to cross the railroad tracks. If crossing of the railroad tracks is desired the contractor shall contact Jordan Buck at 618-910-8273 to obtain permit and cost information to cross Central Midland Railway for this project.

3. A request for soil information or soil borings for the concrete bridge from Station 29+61 to Station 31+00.

The soil information is included with this addendum.

4. The removal bid items is missing quantity. The SWPPP is listed twice. Erosion control blanket unit is listed as square foot instead of square yards.

The Itemized Bid Form Addendum No. 1 has been revised to account for these issues.

5. Itemized bid form pages 10 - 13

Use the attached Itemized Bid Form Addendum No. 1 pages 10 - 13. The city will not accept the bid if the revised pages noted as "Addendum No.1" are not used.

6. What are the limits for the graffiti removal for this project?

The limits are defined in special provision SP – 031 in the specifications.

7. In the Itemized Bid Forms the Ameristar Fence was incorrectly called out as 42" Ameristar Fence.

The Itemized Bid Form Addendum No 1 has been updated to show 4' Ameristar Fence.

8. There are a couple of discrepancies in regards to the pedestrian bridges:

- A. Live Load/Design Code – the specifications say allowable stress design (with 85 psf LL reducible to 65 psf). The drawings indicate that the Design Specifications for the prefabricated truss should be 90 psf, which is the required LL per AASHTO pedestrian bridge guide specs (LRFD).

- **The pedestrian bridge should be designed for 90 psf pedestrian load, per the LRFD Pedestrian Bridge Manual guidelines.**

- B. Finish – the specifications say weathering steel while the drawings say a painted finish?

- **The bridge shall be constructed of unpainted weathering steel.**

- C. There are no quantities given for the 40' Pedestrian Bridge?

- **Substructure quantities for the 40' pedestrian bridge are not shown on the bridge sheets S-01 or S-02, but are accurately quantified on the Bridge Structures Table on Sheet Q-02 and included in the Itemized Bid Form.**

- D. What type of concrete for the substructure B or B-1?

- **Concrete for the pedestrian bridge substructure units shall be Class B-1 for both bridge structures.**

- E. Sheet S-24 depicts horizontal pickets in the Section Thru Truss Bridge, is this correct?

- **No, all railing pickets on both bridges structures shall be vertical.**

- F. Sheet S-01 does not clearly call out that a rub rail or toe plate is the required?

- **Rub rails and toe plates are required on both truss structures.**

- G. There have been several questions related to the concrete deck on the steel truss spans.

- **The Bridge Structures Table on sheet Q-02 lists the Concrete Deck quantity as SY (square yard) while the Itemized Bid Form lists Concrete Deck per CY (cubic yard). The CY (cubic yard) designation in the Itemized Bid Form is correct and assumes a 5" thick concrete deck.**
- **The truss Section on sheet S-01 incorrectly depicts the deck thickness. The 5" thickness is full concrete depth and should not include the corrugated steel forms (if used). If utilized the corrugated metal forms shall have the lower corrugations filled with foam to reduce weight.**

- The bid item, Concrete Deck (CY) should include the cost for the required reinforcing steel. This is noted below the Bridge Structures table on sheet Q-02.
- The contractor/ bridge supplier is to provide the concrete deck design (including reinforcement); this is noted on both sheets S-01 and S-24. Since the truss structures are prefabricated, and may vary depending on the supplier chosen, the framing arrangement and slab span requirements are not known at this time. Deck design will be reviewed with shop drawing submittals.

H. A contractor requested the use of concrete panels as the deck on the truss structures.

- **The current design assumes a reinforced cast-in-place deck. Substitutions will need to be approved by HDR.**

I. A contractor requested if Art Thureson, Inc. could be pre-approved as a bridge supplier for this project?

- **Yes, following review, HDR will accept ART THURESON, INC (Anderson Bridges) as a pre-approved bridge supplier for the McKelvey Woods Trail project.**

J. Contractor questioned the reinforcing quantities given for the bridge structures?

- **The reinforcement quantities for both bridge structures have been reviewed, no significant discrepancies were found.**

9. Page C-42 show 12" rcp between Ex Cl and New MH 601-no pay item for 12" rcp?

On the sheet Q-02, 29 LF of 12" RCP was include in the column for 15" RCP. The total quantity of 15" RCP (92LF) shown on sheet Q-02 is therefore incorrect. The overall total quantity of 15" RCP should be 63 LF. This was correctly shown on the Itemized Bid Forms. A bid item for 12" RCP (29 LF) has been added to the Itemized Bid.

10. The bid form show subtotals for only some groups.

The bid form will remain as revised with some groups being subtotaled while other groups of items will not be subtotaled. This more closely matches standard Missouri Department of Transportation bid format.

CITY OF MARYLAND HEIGHTS



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