



ITB-16-20 *CR*
ADDENDUM #1
BRIDGE REHABILITATION PROJECT
MARSHALL ST. OVER CLEAR CREEK

Date: July 21, 2016
Bid Number: ITB-16-20
Bid Due Date: TUESDAY, AUGUST 2, 2016 BY 1:00 PM OUR CLOCK

The following information is provided to all prospective bidders and is hereby made a part of the above bid documents. Bidders must acknowledge this Addendum 1 with their bid. It is a total of three (3) pages.

CLARIFICATION, ADDITIONAL INFORMATION, AND CHANGES:

- 1. Removal of Asphalt Mat - Can you identify the limits of this work on the plans? The 25 tons of new asphalt doesn't seem to match the 141 sy of removal.**

Answer: Removal of Asphalt Mat was estimated at 48' width x 9.2' length at each abutment and 48' width x 8' length at the pier. This results in 141 SY of removal.

The new HMA will be a 48' x 2' area at the each abutment of full depth replacement (9"), 48' x 7' area at each abutment of 3" overlay, and a 48' x 8' area of 3" overlay at the pier.

- 2. Removal of Portions of Present Structure - Can you identify the limits of this work on the plans? Does this only encompass the sidewalk and curb at the end of each joint and a portion of the two abutment walls?**

Answer: That is correct, Removal of Portions of Present Structure (LS) is to include removal of the existing backwall, sidewalk, and rail curb. All removal of portions of the deck will be paid for as Class 2 or Class 3 by the SY.

- 3. Structure Excavation - Can you identify the limits of this work on the plans?**

Answer: Structure Excavation will be paid for at each abutment, behind the backwall as required to construct the abutment wall modification and replace ABC CI 6 and asphalt material behind the new construction. The quantity was estimated at 3' length x 2' depth x 52.5' length at each abutment = 24 CY.

- 4. HMA (Gr SX) (PG 64-22) - Can you show the limits of where this work is taking place and the depth associated with each location?**

Answer: The new HMA will be a 48' x 2' area at the each abutment of full depth replacement (9"), 48' x 7' area at each abutment of 3" overlay, and a 48' x 8' area of 3" overlay at the pier.

- 5. Waterproofing (Membrane) - Can you show on the plans where this material is being placed?**

Answer: Waterproofing (Membrane) will be placed on the deck anywhere the asphalt overlay was removed during construction. This includes a 3' length at each abutment and an 8' length over the pier. The Waterproofing Membrane was estimated at 48' width across the deck.

6. **Bridge Expansion Device (0-4 inch) - Can you confirm the bid quantity of 106 lf? The plans indicate three joints across a 48' roadway which equates to 144 lf and this doesn't even include the footage in the curbs and sidewalk.**

Answer: Bridge Expansion Device (0-4 Inch) will only be installed at the abutments. The pier joint will be cast as new continuous deck as shown on Sheet Number 5. The entire deck width out-to-out is 54'-2" and the expansion device terminates before the railing on the sidewalk side and terminates 10" into the curb on the other side, so the length was estimated as 53' at each abutment for a total quantity of 106 LF.

7. **Concrete Class D (Bridge) - The 27 cy you have for this item seems high. Can you double check this and identify these locations on the plans? It's not clear how much of the bridge deck gets removed under the sidewalk and if that area of repair is considered Class D (Bridge) or Class DT (Deck Topping).**

Answer: Concrete Class D (Bridge) is to be used for all concrete work at the abutments. This includes the deck replacement at the abutments (the deck is removed down to the girders as shown on Sheet No. 4) (4 CY x 2 abutments), the new headers at the expansion device (1 CY x 2 abutments), the abutment wall modifications (8 CY x 2 abutments), and the sidewalk and rail curb (0.5 CY x 2 abutments).

8. **Concrete Class DT (Deck Topping) - Can you identify the limits of this work on the plans?**

Answer: Concrete Class DT (Deck Topping) is to be used for all concrete work over the pier. This includes the new deck poured continuous over the pier, the new sidewalk, and the new rail curb at the pier.

9. **Revision of Section 105 (page 54) - This section indicates that a Smoothness Quality Control (SQC) testing must be performed. Will this be necessary for 25 tons and we don't know the limits of the asphalt work?**

Answer: The smoothness requirement will not be required on this project.

10. **Is this a prevailing wage / Davis Bacon wage project?**

Answer: No

11. **Is the project Tax exempt?**

Answer: Yes

12. **Are the specified traffic control set ups intended to be permanent for the duration of the construction as required, including overnight?**

Answer: Yes

13. **If permanent closures are not allowed, will you allow an alternative for fast set DOT bag mix for patching concrete and joint headers?**

Answer: 24-hour closures are allowed; no fast set needed.

14. CDOT requires a TCM on site for each day worked and a TCI (Inspection) for non-work days to maintain the traffic control? Is this a requirement of the project? If so, will these items be added?

Answer: No, see note on sheet 3.

15. With regard to anodes, is there a specified quantity to be used per SY of patching?

Answer: No anodes required.

16. Will striping removal and temp striping be required? If so, will a pay item be added?

Answer: Not anticipated; drums/cones are anticipated.

17. Will we be able to gain access along the creek under the bridge?

Answer: Yes

18. One of the traffic control cases show work in the middle with traffic on both sides. Should a TMA (Truck Mounted Attenuator) item be added to the project for the safety of the workers required to work next to live traffic.

Answer: The work should be done in two phases with half of the bridge in each phase with 24-hour/7-day lane restrictions/closure with 2 lanes minimum 11 ft. per the Traffic Control notes, Sheet 2.

Visit our City website for prebid sign in sheet, addendum, plan holders list and project updates:
www.ci.wheatridge.co.us

POINT OF CONTACT: Jennifer Nellis, Purchasing Agent, jnellis@ci.wheatridge.co.us, fax 303-234-5924, or phone 303-235-2811. Do not contact the user department, consultant, or any other staff.