

CITY OF SAINT LOUIS

DEPARTMENT OF THE PRESIDENT, BOARD OF PUBLIC SERVICE

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ADDENDUM NO. 3

TO

PLANS AND SPECIFICATIONS

FOR

**KINGSHIGHWAY BRIDGE RECONSTRUCTION OVER UNION PACIFIC  
RAILROAD**

**FEDERAL PROJECT NUMBER BRM-STP-5425(611)  
ST. LOUIS, MISSOURI**

**DATE: December 16, 2014**

**LETTING NUMBER: 8565**

The following additions shall be made in the plans and specifications. The cost thereof shall be included in the proposals submitted by the bidders.

No plan sheets, spec pages, nor Bid List are being re-issued with this Addendum.

Please acknowledge receipt of this addendum on the bid proposal.

**ADDENDUM TO DRAWINGS**

General Revision: In all references to "Sidewalks", found anywhere in the documents, change the thickness of the sidewalk from 4" to 5", to be in conformance to City standards. Note, this does NOT refer to the PCC Anchorage Slabs, found between Sta. 88+69 and 101+50.

Sheet RTS03: The concrete under the asphalt pavement should be called out as "10 in. non-reinforced P.C.C. base".

**ADDENDUM TO THE SPECIFICATIONS**

JSP U - Office for the Engineer -

Paragraph 2.2: Revise minimum outside dimensions of the trailer from 10x40 to 10'x 60'.

Paragraph 2.7: Add "The trailer shall be provided in the condition as described above for the entire period until Final Payment for the project has been made. "

JSP C & G - Construction Schedule

The specific dates listed are illustrative of the time intervals between various milestones. The actual date of Notice to Proceed is unknown at this time. The completion of the project is to be no more than 21 months after Notice to Proceed.

JSP X - Lightweight Cellular Concrete Fill

Paragraph 3.0 - Add: "The minimum compressive strength is 41 psi, and the maximum dry density is 19 pound per cubic foot."

JSP CC - Drainage

Paragraph 2.1 - Add: "The existing sewer lines that are taken out of service and replaced by the new work are to be either removed and the space filled with fill material, or filled in place with flowable fill. Existing sewer lines are not to be left in place un-filled."

Paragraph 7.0 - Shall read: "Payment for the above described work, complete in place, including all materials, all temporary work, including but not limited to temporary supports, sheeting and/or shoring, trenches, groundwater control, **removal and/or filling of existing sewer lines to be replaced**, and/or any other temporary construction components. . . . will be considered completely covered by the contract unit price for each item in the bid tabs."

**BID ITEMS**

Bid Item 6086004: Revise to say "Concrete Sidewalk, 5 inch"

Bid Item 50240007: Revise to say "50240010 Concrete Base, 10 in "

Item 9014502 - Change to "Conduit, 1 in. on structure"

Bid Item 9019902 - Street Lighting Complete in Place: Change quantity from 58 to 65

Bid Item 7269903{1} - 48 in jacked pipe in 60 in steel encasement: Change quantity from 99 lf to 109 lf.

## QUESTIONS and ANSWERS

Q: Did any of the utilities give an approximate number of days needed for their work?

A: No. The specs for this job, and the Agreements we have with the utilities, both say that each party will work cooperatively with the other to accomplish the work.

Q: How is testing to be handled?

A: The City will provide Quality Assurance testing. The Contractor is to provide Quality Control testing, as a part of the Quality Management Plan called for in JSP WW.

Q: Is the depth to existing water pipes known?

A: Not in exact detail in every location.

Q: Type of water services

A: the 6" to Alpha Pet is a fire service. The 4" to 1936-40 is a combination.

Q: Details of forms for Aesthetic Barrier

A: The form system should be designed so that the windows are plumb all along the run of the barrier, and that forms can be re-used for several different sections of the barrier. The roadway slope (profile grade) does not vary for the entire length of the barriers. The length of the primary roadway vertical curve is 310 feet. In addition to the primary vertical curve, there are tie-in vertical curves at the beginning and end of the project (180 feet and 175 feet, respectively). The barriers extend a few feet at most into the area of the tie-in vertical curves. The remainder of the roadway profile is at tangent grade. Variations due to the slope of the roadway may be accommodated by minor adjustments in the ends and/or the base of the barrier.

Q: Are there 4 back-lit street name signs, or 5?

A: 4.

Q: What size is the Ameren vault to be installed in the new run of circuits under Shaw? Sheet UTL06

A: This vault is to be traffic rated and 6 ft x 14 ft.

Q: What type of 72 strand fibre is required?

A: Half are to be Single Mode and half are to be Multi-mode.

Q: Are the Anchorage Slabs to be tinted?

A: Yes.

Q: Can the detail of the construction of the Anchorage Slab, Sht RTS08, be modified.

A: No.

Q: Can re-cycled concrete be used as part of the fill material in the embankment?

A: Yes, so long as it is crushed sufficiently to meet MoDOT gradation requirements.

Q: For the light-weight cellular concrete fill, what is the required maximum density and the minimum strength?

A: Max Density = 19 pcf and Min Strength = 41 psi.

Q: How is erosion control during the period of settlement of the embankment to be handled?

A: The control of erosion on the retained fill is up to the contractor.

Q: It seems there is an inconsistency with settlement concerns in the embankment and the sewer structures.

A: As the settlement on the west side is minimal, the structures can be constructed. On the east side, the pipes and inlets can be placed but the inlets will need to be adjusted to grade after the settlement has occurred.

Q: There is no Pay Item for railroad flagger. Is the City going to pay for flaggers directly?

A: As was explained at the pre-bid meeting, and as described in the specs, the payment for railroad flaggers is the responsibility of the Contractor. The need for flaggers is derived from the Contractor's schedule of activities, and is therefore the responsibility of the Contractor as a Means and Methods item.

Q: Number of trains per day, and other questions regarding coordinating demolition activities with railroad operations.

A: All such coordination issues are the responsibility of the Contractor to work out with UPRR.

Q: Flow rate in the large sewer to be removed?

A: MSD does not have accurate information on this flow.

Q: Pay item for by-pass pumping?

A: See JSP CC and DD - "Payment for all temporary work, and all else necessary to complete the construction, shall be completely covered by the contract price."

Q: How are Cobra heads at Shaw to be paid for? What wattage are the lights?

A: According to D-37A sheet, the BL Mast arms price includes the luminaire and bracket arm. The lamps are 150w 120v LED.

Q: Where is the Pay Item for Unsuitable Material - Excavate, Haul and Dispose?

A: It is Item 2039907{1} - Class A Over-excavation

Q: Sewer pipes under retaining walls, encasement, payment?

A: The cost of all sewer pipes under retaining walls is to include the cost of the encasement.

**END OF ADDENDUM No. 3**