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Addendum No. 1

BRAVO AVENUE INTERTIE PROJECT

PWP Bid No. WA-2014-113
March 6, 2014

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

This Addendum contains questions and responses, items of clarification and plan and document attachments.

QUESTIONS AND RESPONSES

Question No. 1: How are the I water lines @ the Well #7 site to be abandoned? If so; type of pipe.

Response to Question No. 1: Add the following note to Drawing C100: “4. The existing piping shown with cross-hatches or labeled “abandoned” are already out of service, or will be taken out of service by the operators during construction. The existing piping does not need to be removed except where required to install the new piping. Abandonment will consist of capping the ends of pipe where it is removed to accommodate the installation of the proposed 8” DIP pipeline. The new cap shall be ductile iron. The contractor shall mark the record drawings indicating where the existing piping is removed and the location of caps. The contractor shall be responsible to deal with any nuisance water that drains from the existing piping when it is cut. The existing pipe is believed to be PVC or ductile iron, however the contractor will be required to field verify.”

Question No. 2: Does the I 6” pipe that runs parallel to the proposed 8” DIP require abandonment? If so; type of abandonment and type of pipe.

Response to Question No. 2: Add the following note to Drawings P1 and P2: “1. The existing 6” pipe that runs parallel to the proposed 8” DIP is already out of service. The existing piping does not need to be removed except where required to install the new piping. Abandonment will consist of capping the ends of pipe where it is removed to accommodate the installation of the proposed 8” DIP pipeline. The new cap shall be ductile iron. The contractor shall mark the record drawings indicating where the existing piping is removed and the location of caps. The contractor shall be responsible to deal with any nuisance water that drains from the existing piping when it is cut. The existing pipe is believed to be PVC, however the contractor will be required to field verify.”

Question No. 3: Do the proposed and/or I vaults receive coatings and/or insulation?

Response to Question No. 3: Add the following note to Drawings C2 and C3 (number shall be the next in sequence on each sheet): “Note X. The new and existing vaults will not require any interior or exterior coating. The ceiling and walls of new and existing vaults and vault risers shall be insulated from ground surface to 48” below ground surface. Insulation shall be 1.5” thick rigid foam insulation attached to the vaults with construction-grade adhesive and ¼” diameter 304 SS anchors with 1.5” minimum diameter fender washers at each corner of the insulation board and at 24” minimum on-center on edges and in the field. Anchors may be expansion or epoxy and shall have 2” minimum embedment”

Question No. 4: What are the locations and quantity of cathodic protection test stations?

Response to Question No. 4: 1) A total of 4 cathodic test stations shall be installed, one at each end of the new piping and 2 others approximately equally spaced between the ends of the lines. Coordinate field locations with the inspector(s). 2) Contractor shall provide and install a dielectric insulating flange gasket assembly at the east-most flange inside the Well No. 7 PRV vault. Insulating flange shall meet the requirements of Specification 15010, Paragraph 2.05.

Question No. 5: Per notes on Sheet L1; what are the limits for revegetation?

Response to Question No. 5: Add the following note to Paragraph 1.3 on Drawing L1: “D. The limits of revegetation shall include all disturbed areas not covered with aggregate base, rip-rap, or gravel as part of this project.” See “Clarifications” for additional information regarding the extent of new aggregate base surfacing.

Question No. 6: Can a detail be provided for the tie-backs on the I fittings @ 26+30±?

Response to Question No. 6: See Detail F/D3 added to revised Drawing D3. Note that the callout on Drawing P2 should point to the existing pipe elbow rather than the new pipe elbow.

Question No. 7: Regarding the tie in at the existing 30” Tee (C/C1), would it be acceptable to place a 300# x 150# transition spool on the tee so that the ANSI 150 valve proposed above can be used?

Response to Question No. 7: A 300# flange x 150# flange transition spool is acceptable for connecting to the existing tee shown on Detail C/C1. The contractor is required to coordinate all piping, fittings, valves, etc. to mate flanges to new and existing piping.

CLARIFICATIONS

Clarification Item 1: Make the following changes to Specification 15100 Valves:

- 1.1 In paragraph 2.3.B.1, change the allowable working pressure from 300 psi to 275 psi.
- 1.2 Delete sentence 2.3.H.4. Coating shall not be applied to stainless steel valves.
- 1.3 Add the following new paragraph to Section 2.3 – Butterfly Valves
“2.3.I Miscellaneous Items
 1. NSF 61 certification will not be required on stainless steel valves meeting the 15100 material specifications.
 2. Valves with ANSI 150 flange bolt patterns are acceptable provided they meet the specified material requirements and working pressure of 275 PSI. The contractor is required to coordinate all piping, fittings, valves, etc. to mate flanges to new and existing piping as required.”

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Clarification Item 2: Drawing C100 – Change the note on the bottom of the page from “NEW 8” PVC PIPE FROM LEMMON DRIVE SEE SHEET P1 FOR CONTINUATION” to “NEW 8” **DIP** PIPE FROM LEMMON DRIVE SEE SHEET P1 FOR CONTINUATION”

Clarification Item 3: Drawing C100 – Increase the width of the south end of the rip-rap flush channel from 30 feet to 40 feet. Also, add a 3 foot long by 40 foot wide by 18 inch thick section of Class D gravel at the end of the south end of the rip-rap channel to transition from rip-rap to native material. The 10 foot long section of rip-rap channel with 1% maximum slope will also include an energy-dissipation depression as shown on the new detail C/D3 – RIP RAP CHANNEL SECTION (see revised Drawing D3). Contractor shall note that the intent is to transition the rip-rap ditch to the existing ground in a way that minimizes erosion to the existing ground by having flow spread equally across the entire width of the rip-rap ditch and gravel pad. The rip-rap shall be placed at the same elevation where it transitions to the Class D gravel bed. The Class D gravel bed shall be constructed at 0% slope in all directions.

Clarification Item 4: Drawing P1 – STA 9+33.9, the new tee connecting to the existing piping that is shown with 2 gate valves will have 3 gate valves as shown on Detail A/C1.

Clarification Item 5: Drawing P1 –STA 9+56.89, change the callout for an 8” 90° restrained-joint elbow with thrust block to an 8” restrained-joint tee with thrust block. The new tee assembly will include 2 gate valves as shown on Drawing C100.

Clarification Item 6: Drawing D4, add the following notes to under GENERAL TRENCH REPAIR & PERMANENT SURFACE REPAIR NOTES:

“22. Within the Lemmon Valley right-of-way, place 4 inches of Class 2 A.B. surfacing from the south edge of pavement to the edge of the trench to provide a stable surface near the edge of pavement. Minimum density shall be 90%. The elevation at the pavement edge shall match existing paving.”

“23. All disturbed areas within the Well No. 7 site and at the Bravo PRV shall be restored with 4 inches of Class 2 A.B. at 90% minimum density. Match existing elevations.

“24. Contractor shall construct a 12 foot wide Class 2 A.B. access road centered over the pipeline from STA 10+00 to STA 26+00. A.B. shall be 6 inch minimum compacted at 90% minimum of maximum dry density. Roadway cross slope shall be 2% to the south. This note shall take precedence over surface repair notes on profile sheets.”

Clarification Item 7: Supplementary Conditions Article 3, PERMITS – Paragraph 3.03.C – Change “Attachment XXX” to “Attachment A” and refer to the attached Washoe County Dust Control Permit No. DCP14-0016.

Clarification Item 8: Supplementary Conditions Article 3, PERMITS – Add the following Paragraph “3.04.A – City of Reno Encroachment Permit: A City of Reno Encroachment Permit will be required for the work at the intersection of Bravo Avenue and Mt. Limbo Street. The Special Conditions for this permit are included as Attachment B to these Supplementary Conditions.”

Clarification Item 9: Add the following category and notes to Drawing G2:

DISPOSAL OF EXCESS SOIL AT THE LEMMON VALLEY WASTEWATER FACILITY

1. The contractor may dispose of clean excess soils at the Lemmon Valley Wastewater Reclamation Facility located at 11000 Lemmon Drive, Reno, NV 89506. No construction debris or contaminated soil will be allowed.
2. The contractor shall obtain any permits required, including but not limited to a grading permit, for disposal of excess soil.
3. The Contractor shall coordinate with the Washoe County inspector for access to the facility and the specific location to place excess materials.
4. All other excess soils and construction debris shall be disposed of per the contract documents and regulatory requirements.

Clarification Item 10: The bolt circles and bolt holes on existing flanges in the existing Well 7 PRV vault and existing Bravo PRV vault match those of ANSI/AWWA C115/A21.15 and Class 125 flanges shown in ANSI B16.1 and do not match ANSI B16.1 Class 250 flanges.

Clarification Item 11: Reference detail D/D3 on revised Drawing D3. Change the location of the orifice plate as indicated on the revised detail.

ATTACHMENTS

Attachments:

1. Plan Sheets – Revised Sheet No. D3
2. City of Reno Public Works Special Conditions
3. Washoe County Dust Control Permit No. DCP 14-0016