



## **Addendum No. 3**

### **D'ANDREA #3 PUMP STATION**

**PWP Bid No.: WA-2017-072**  
**TMWA Capital Project No.: 13-0020**  
**February 13, 2017**

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.

#### **QUESTIONS AND RESPONSES**

**Question No. 1** “There appears to be a Valley Gutter drawn behind the retaining wall, on the south side of the building of C1, but it is not noted anywhere. Is there supposed to be a Valley Gutter there or should I disregard and not include that in my bid?”

**Response to Question No. 1:** The wall and related site work south of it will be installed by others and is not included in this Contract. For clarification, the fence is included in this contract.

**Question No. 2:** Can you better define the earthwork, grading and structural fill requirements per bid items PS-2 & PS-13 on sheet C1 per the following (Questions No. 2 – 4). Can you define the grading limits on C1. If we are to construct to the new grades, we would be grading in Veccio Drive and pretty far to the west (the finish contours even run off the page). If we were to grade to the new contours, I estimate 2,010 cubic yards of fill will be required which seems excessive

**Response to Question No. 2:** Refer to Section 1.05 of the Special Conditions subparagraphs C-1 and C-2. The majority of the site grading will be done by-others, C-1 provides the elevation structural fill will be placed under the building extending 10-feet horizontally, while C-2 addresses structural fill elevations to be done by others elsewhere on the site. The pump station Contractor shall have the right to inspect the site prior to starting work, and if deemed incomplete per the Specifications for the work to be done by-others shall be evaluated for resolution.

**Question No. 3:** Detail 1/D4 calls the 24" structural section to be done by others, whereas bid item PS-13 says to include structure fill under this bid item. Which one is correct?

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**Response to Question No. 3:** Per Section 1030-1.05(C)-2, structural fill shall be placed approximately 1-foot below the finished AC surface by others. The depth of AC and type 2 base required is 9-inches. The pump station Contractor shall have to provide (or remove) structural fill in some cases to meet the final elevations of the improvement in question. The Contractor has the option to utilize type AB instead of structural fill. As a clarification, due to not meeting the minimum 2-foot structural fill separation requirement below the proposed flow meter vault and native soils (Detail 1/D1) the pump station Contractor shall be required to over excavate below the vault the 3-feet indicated and place 12-inches of drain rock with 2-feet of structural fill below that.

**Question No. 4:** Detail 1/S2 note 4 states that structural fill shall be indicated in the technical specs on earthwork and subgrade section 02200. Are we to include structural fill under the slab on grade?

**Response to Question No. 4:** See responses to questions 2 and 3, above.

**Question No. 5: Building Wire and Cable:** 2.01 – Building Wire

Insulation type is indicated as type THHN/THWN. Should this wire type be type XHHW?

**Response to Question No. 5:** The wire type should be THHN.

**Question No. 6: Raceway and Boxes:** 1.03 – System Description – D. In or under slab on grade: Provide thickwall nonmetallic conduit with PVC coated RGS bends when penetrating through floor slabs **and thin-wall nonmetallic conduit**. Provide cast or nonmetallic metal boxes. Can we get clarification on what ‘**and thin-wall nonmetallic conduit**’ has to do with penetrating the slab? Doesn’t really make sense. Can we clarify 100% that PVC coated RGS bends are required when penetrating slab and not just RGS bends with half laps of 20 Mil tape?


**Response to Question No. 6:** Spec section 16130 1.03 D should read: “In or Under Slab on Grade: Provide thickwall nonmetallic conduit with conduit with PVC coated RGS bends when penetrating through floor slabs...” RGS bends with half laps of 20 Mil tape is **not acceptable**.

**Question No. 7:** The drawings call out to use large radius sweeps (36”) for all conduit. Does this pertain to branch circuits and control conduits as well? For these smaller conduits (3/4”), can regular factory radius 90’s be used prior to penetrating the slab?

**Response to Question No. 7:** All sweeps must be long radius PVC coated RGS.

**Question No. 8:** Electrical sheet ‘E7’ indicates Qty (4) ‘SV’ callouts. These ‘SV’ callouts are also indicated on electrical sheet ‘E5’ on the ‘RTU Panel’ oneline. There are ‘Bypass PRV Solenoids’. These are not indicated on the ‘Equipment Schedule’. Whom is providing these, the owner or contractor? If contractor is to provide these, can a manufacturer and part number be provided?

**Response to question No. 8:** TMWA will provide and install the 4 solenoid valves.



**Question No. 9:** In reference to 16130-2 is the inside of the pump station considered a wet and damp location, or is it considered an exposed and dry location?

**Response to Question No. 9:** The inside of the pump station is considered to be a wet and damp location.

**Question No. 10:** TMWA is requesting studies for this project in section 16011, that would be in apparent violation on NRS 625.530 (1) and NRS 625.530 (3) please supply the procedure for selecting these firms on a Quality Based Selection and not on the bases of a Competitive Fee . NRS 625.530 is clear that there are no exceptions.

**Response to Question No. 10:** The specification Section 16011 shall be deleted in its entirety from this Contract, but this action is being conducted for reasons not related to any apparent NRS violation.

**End of Addendum #3**