



**WATER RESOURCES INTEGRATION PROGRAM  
OLD PEARSALL ROAD PUMP STATION PHASE I  
SAWS JOB NO. 13-8610-220  
SOLICITATION NO. B-14-012-DD**

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**ADDENDUM NO. 5  
September 11, 2014**

To Respondent of Record:

This addendum, applicable to work references above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

**A. QUESTIONS SUBMITTED TO SAWS**

1. Reference is made to the response to Question 5 (Part 6) on Page AD4-5 in Addendum No. 4. The response should be revised to make the seismic design criteria in accordance with 2012 IBC/ASCE 7-10 parameters shown in the Geotechnical Report.

**B. DRAWINGS.**

1. Sheet POP-03 (51 of 150). Delete Note 2.
2. Sheet POP-04 (52 of 150). On Section 1 (48" Overflow Section), delete the words "See Geotechnical Report for Additional Leveling Base Requirements" (shown underneath the overflow drain box).

On Section 2 (12" Drain Section), delete Note 3.

On Section 2 (12" Drain Section), label the layer beneath the tank floor as "Granular Fill". Also change the words "Compacted Subgrade Soils or Leveling Base Material" to "Crushed Rock Select Fill".

On Section 3, make the following changes:

- Show a layer beneath the tank floor and label as “9” Granular Fill (Typ).”.
  - Show “Filter Fabric Type A” beneath the granular fill layer.
  - Show the words “Crushed Rock Select Fill” for the area beneath the granular fill layer and filter fabric.
  - Change the words “Crushed Stone or Processed Gravel (per Manufacturer’s Recommendations)” to “Granular Fill”.
  - Add the words “Overlap filter fabric 12” min. with tank foundation” at the top side of the granular fill for the perforated drain pipe.
  - Change the words “Geotextile Filter Fabric” to “Filter Fabric Type A” (beneath the perforated drain pipe).

3. Sheet POP-05 (53 of 150). Delete Note 3.

On Section 1, delete “Note: All stainless steel is Type 316L”. Change the words “Level Base Material” to “Crushed Rock Select Fill” (two places).

On Section 2, change the words “Level Base Material” to “Crushed Rock Select Fill” (two places).

4. Sheet POP-06 (54 of 150). Delete Note 5.

On the Ground Storage Tank Subgrade Excavation, change “5’-0” crushed limestone fill” to “4’-3” crushed rock select fill”. Show a layer above the crushed rock select fill and label as “9” granular fill”. Show “Filter Fabric Type A” beneath the granular fill layer.

On the Water Sample Line detail, change the words “Leveling Base Material” to “Granular Fill”.

5. Sheet EDOP-01 (116 of 150). On Detail E, change the size of the concrete pole base to “24” diameter”. Change the dimension to the bottom of the concrete pole base to “6’ Min. or as recommended by pole manufacturer”.

C. TECHNICAL SPECIFICATIONS.

1. Section 02200 – EXCAVATION AND FILL FOR STRUCTURES.

- a. Page 4, Article 2-1.06.2. Delete this article in its entirety and replace with the following:

“Crushed rock for select fill shall be TXDOT Item 247, Type A, Grade 1 or 2.”

- b. Page 13, Article 3-4.01. In the last sentence, delete the words “vapor barrier” and replace with “polyethylene film. The polyethylene film shall be overlapped a minimum of 12 inches.”
  - c. Page 16, Article 3-5.04. In the first sentence, add the words “crushed rock” before the words “select fill”.
2. Section 13207 – WIRE WOUND, PRESTRESSED CONCRETE TANK WITH STEEL DIAPHRAGM.

- a. Page 8, Article 2.2.D. Delete the second bullet for seismic loads and replace with the following:

“Seismic loads shall be based on the Recommended Design Seismic Parameters (Site Class C) shown in the Geotechnical Report for 2012 IBC.”

- b. Page 10, Article 2.3.A. Delete the Excavation and Backfill paragraph in its entirety and replace with the following:

“Excavation, preparation of subgrades, backfilling, construction of fills, surfacing and grading, and other appurtenant work shall be performed in accordance with the applicable requirements of Specification Section 02200 and as specified herein.”

- c. Page 11, Article 2.4.B. Delete this article in its entirety and replace with the following:

“B. Structure Foundation Subgrade Preparation. The structure foundation subgrade shall be prepared in accordance with requirements of the drawings and specifications. The Contractor shall excavate to such depths and width to provide adequate room for tank construction.

A layer of compacted granular fill shall be placed beneath the entire tank foundation, above the crushed rock select fill, as indicated on the drawings. Crushed rock select fill and granular fill shall comply with the requirements of Specification Section 02200. Prior to construction of the floor, a polyethylene film vapor barrier shall be placed over the granular subbase, as specified in Section 02200

The surface elevation of the granular fill shall be fine graded to a tolerance of plus zero inches to minus ½ inch over the entire foundation area. Final grading tolerances for floor pipe encasements shall be zero inches to minus six inches.

The tank shall be backfilled and rough graded to the contours shown on the drawings. Materials used for backfilling shall be as specified in Section 02200."

d. Page 11, Article 2.4.C. Delete this article in its entirety.

3. Section 15108 – AIR VALVES.

a. Page 1, Article 2-1. Add the following at the end of Article 2-1: "Three inch and larger combination air valves for clean water applications shall consist of an air and vacuum valve with an externally mounted air release valve. The valves shall be Apco/Valve and Primer "Single Body Combination Air Valves" for 3 inch and "Custom Combination Air Valves" for 4 inch and larger; GA Industries "Figure 983 Kinetic Custom Combination Air Valves"; Multiplex "Crispin Dual Air Valves"; or Val-Matic "Dual Body Combination Air Valves". Unless otherwise specified or indicated on the Drawings, valves shall be provided with surge check discs on the valve inlet to restrict the exhaust air flow rate.

Combination Air Release Valves shall be installed as per SAWS Standard Detail DD-901-03 as applicable."

b. Schedule 15108-S01, Page 1. Revise the schedule for ARV-213, ARV-214, and ARV-215 as follows: to read "CAV-213, CAV-214, and CAV-215" under column 1.010; for each valve to read "CAV" under column 1.020; for each valve to read 6" under columns 1.040 and 1.050; and for each valve to read "125F" under column 2.010.

**Each Respondent is requested to acknowledge receipt of this Addendum No. 5 by his/her signature affixed hereto and to file same as an attachment to his/her proposal.**

The undersigned acknowledges receipt of this Addendum No. 5 and the proposal submitted herewith in accordance with the information and stipulation set forth.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Respondent

END OF ADDENDUM

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(Water Resources Integration Program)  
(Old Pearsall Road Pump Station Phase 1) AD5-4  
(SAWS Job. No. 13-8610-220)

