



## Brazos River Authority

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July 30, 2021

### **Addendum No. 2 Lake Granbury De Cordova Bend Dam Low Flow Outlet Works Repair Project RFB No. 21-05-1219**

It is the responsibility of the Respondent to assure and guarantee by acknowledging the receipt of this Addendum in the Proposal that the Respondent has received the Addendum in its entirety, and that the Respondent accepts all conditions contained herein.

**Question 1:**

Is it possible to work both gates at the same time?

**Answer 1:**

Yes, there is no specified restriction that prevents working on both gates at the same time.

**Question 2:**

Is the tailwater being addressed?

**Answer 2:**

See Addendum 1 for questions and answers related to the tailwater covered in the pre-bid meeting.

**Question 3:**

Does the control panel control all gates?

**Answer 3:**

Yes.

**Question 4:**

How do we access the conduit bay (i.e. Gate 1 – 4 conduits)?

**Answer 4:**

The Gate 1 – 4 conduits are located in the low flow outlet bays between the intermediate well and the weir basin. See the plans for their location. Access to the bays is a means and methods activity.

**Question 5:**

What is the distance from the top of the water to the bay?

**Answer 5:**

The approximate distance from a normal pool elevation of 693 to the north bay upstream well elevation of 639 is 54-feet. The approximate distance from a normal pool elevation of 693 to the south bay upstream well elevation of 651 is 42-feet. The approximate elevation from the normal pool elevation of 693 to the intermediate well elevation of 624.8 is 78.2-feet. Refer to the plans for typical elevations. Per the specifications, the Contractor is responsible for verifying all dimensions.

**Question 6:**

When can field measurements be taken, pre or post bid?

**Answer 6:**

After NTP is issued, field measurements can be taken during Pre-Mobilization activities (refer to Specification Section 01 71 14 – Mobilization and Demobilization), Article 1.04 – Pre-Mobilization Activities). Additional site visit requirements will also apply (e.g. security clearances, etc.). There is no pre-bid access for field measurements.

**Question 7:**

We understand the bulkhead gate is stuck or does not operate how it is supposed to, why?

**Answer 7:**

The bulkhead gates are not stuck. A higher coefficient of friction (of the Gate 5 bronze seats) than the hydraulic system was designed to accommodate is the primary contributor to past difficulties opening Gate 5 under full head (normal pool) conditions. The gate operates under lower head conditions.

**Question 8:**

What are the approximate dimensions from the bottom of the equipment deck to the top of the stop logs?

**Answer 8:**

See Detail 2/S201 of the Construction Drawings for approximate elevations of the equipment deck and the top of the stop logs. See also Sheet Notes No. 1 and 2 on Sheet S201 regarding clearances and removal of the trash rack panels located immediately downstream of the stop log slot.

**Question 9:**

Will the stop logs be installed in the bulkheads prior to mobilization?

**Answer 9:**

Yes. See Low Flow Dewatering and Bulkhead Notes #3 on Sheet S001 of the Construction Drawings.

**Question 10:**

What is the stop log leakage rate?

**Answer 10:**

See the answer to question No. 4 in Addendum No. 1.

**Questions 11:**

What do we do to keep stop log leakage out of the low flow bays?

**Answer 11:**

Sealing and dewatering of the low flow bays is a means and methods activity. See Low Flow Dewatering and Bulkhead Notes #9 on Sheet S001 of the Construction Drawings.

*THE CONTRACTOR SHALL SUBMIT A LOW FLOW DEWATERING PLAN IN ACCORDANCE WITH SPECIFICATION SECTION 01 33 00 – SUBMITTAL PROCEDURES WHICH INCLUDES AT MINIMUM THE FOLLOWING:*

- *BULKHEAD SEALING PLAN AND MATERIALS*
- *WATER COLLECTION AND DISCHARGE LOCATION*

**Question 12:**

What are the requirements for electrical service?

**Answer 12:**

See Specification Section 01 50 00 – Temporary Facilities and Controls, Article 1.12 – Temporary Electricity within project specifications.

**Questions 13:**

What elements actually need to be painted?

**Answer 13:**

See the construction plans and specifications for painting/coating requirements. In summary, the elements to be painted are the existing Gates 1 – 6 exposed metal thimbles and frames (non stainless-steel structural steel).

**Question 14:**

Would painting require humidity and temperature monitoring?

**Answer 14:**

Yes. Refer to Sheet Note 6 on Construction Drawing Sheet S206, and Specification Section 01 32 36.10 – Video, Temperature and Humidity Monitoring and Documentation.

**Question 15:**

What is the last day to ask questions?

**Answer 15:**

See RFB timeline: August 9, 2021

**Questions 16:**

Is there a Crane Placement Plan?

**Answer 16:**

The use of a crane is a means and methods activity subject to review and acceptance of a Lift Plan. See Specification Section 01 50 00 – Temporary Facilities and Controls, Article 1.17 – Temporary Cranes, Derricks and Hoists for crane use requirements. Staging on the bridge deck is allowed subject to work restrictions and dam operations. See Specification Section 01 14 00 – Work Restrictions, Article 1.03 – Work Restrictions and Constraints.

Sincerely,

Anastasia Vance, CTCD  
Purchasing Agent