



Brazos River Authority

January 23, 2021

**Addendum No. 1
De Cordova Bend Dam Low Flow Outlet Works Repair Project
RFP No. 21-05-1219**

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

Non-Mandatory Site Visit:

Attendees to the non-mandatory site visit on July 28, 2021, will be subject to security screening and must provide State or Federally issued legal proof of identification.

Question 1:

Is there information available on the tailwater elevation(s)?

Answer 1:

The typical tailwater is approximately elevation 626. Also, as a data point for flow conditions downstream, there is a USGS stream gauge approximately 2.4 miles downstream of the dam (USGS 08090905 Brazos Rv ds Lk Granbury nr Granbury, TX).

Per Specification Section 01 14 00 – Work Restrictions, Article 1.03.B.3:

Reservoir pool and tailwater elevations are not guaranteed and are subject to hydrologic conditions, hydraulic conditions and/or dam operations.

Question 2:

Does the Contractor need to be prepared to address tailwater?

Answer 2:

Yes. See also the response to Question No. 1. The Contractor may utilize the weir basin (including the overflow wall) to help dewater the work area (and isolate it from tailwater conditions). Note the top of the weir basin overflow wall is at approximate elevation 633 and there are two 24"x24" penetrations in the weir basin overflow wall that are not watertight (see also Details 1 and 2 on Construction Drawing S201).

Per Specification Section 01 50 00 – Temporary Facilities and Control, Article 1.11.E:

The contractor may utilize the low flow weir basin as a collection and sediment basin and is responsible for isolating the basin such that no unauthorized discharges are made.

Per Construction Drawings - General Notes, LOW FLOW DEWATERING AND BULKHEAD NOTES, No. 9:

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*

If there are extreme hydrologic and hydraulic conditions (e.g. significant discharges through the dam's spillway tainter gates) that impede the Contractor's ability to safely perform the Work and are reasonably unavoidable, the Owner would review the impact to the Contractor's schedule and/or fee for a fair adjustment.

Question 3:

Is there information on the duration of gate fabrication?

Answer 3:

For bidding purposes, the Contractor may assume the following:

Description	Duration
Gate fabrication time (from shop drawing approval to final factory testing ¹)	4 months
Gate delivery to the project site ²	2 weeks

1. Concurrent gate fabrication (of both gates).
2. Gate fabrication will occur at Mueller's Kimball Tennessee facility

The Contractor is encouraged to consider time for shop drawing preparation, reviews and approvals.

See also Specification Section 01 11 00, Article 1.04.A.2 for and 35 22 26 – Slide Gates for submittals and other slide gate requirements.

Please do not contact the gate manufacturer during the bidding phase. Any questions for the gate manufacturer must go through the BRA during the bidding phase.

Question 4:

Is there a known leakage rate of the stop logs?

Answer 4:

The stop log leakage rate is unknown but is estimated between 100 gpm and 300 gpm per bay, however this is only an estimate and could be subject to variability based on site conditions.

See also the LOW FLOW DEWATERING AND BULKHEAD NOTES on Sheet S001 of the Construction Drawings.

Question 5:

Who is responsible if there are fabrication and/or delivery issues with the gates?

Answer 5:

This depends on the circumstances. Generally, the responsibility will lie with the entity who owns the scope that had the issue and would be evaluated on a case-by-case basis.

Question 6:

Does the Contractor have access to the existing gates (i.e. for measurements, etc.)?

Answer 6:

Yes. The awarded Contractor has access to the existing low flow outlet works (and gates) after NTP and successful completion and acceptance of applicable submittals (e.g. background checks and badging of workers accessing the site, Pre-Mobilization Work Plan, Site Safety and Health Plan, coordination with BRA, etc.).

Pre-mobilization access is acceptable in accordance with Specification Section 01 71 14 – Mobilization and Demobilization, Article 1.04 (Pre-Mobilization Activities).

Sincerely,

Clarissa Cabrera, CTCD, CTCM

Clarissa Cabrera, CTCD, CTCM, Purchasing Manager for
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