

Pre-Bid Meeting Notes

TDP Beardsley Abay – Phase 1 Maintenance

Pre-Bid Meeting

Wednesday, July 3, 2019, 9:00 am

Attendees: SSJID Team (detailed below)
TDP Team (detailed below)
OID Team (detailed below)
Condor Team (detailed below)
Potential Bidders (listed on sign-in sheets)

NOTE: These notes are provided for general information only and are not binding; Contract Documents and written Addenda shall govern.

Beardsley Abay

Meeting

- Introductions
 - SSJID Team
 - Forrest Killingsworth – Engineering Department Manager
 - Chad Parsons – Associate Engineer
 - TDP Team
 - Susan Larson – Compliance and Environmental Permitting
 - Troy Hammerbeck – Maintenance Supervisor
 - Brian Belitz – Water Operations Manager
 - OID Team
 - Jason Jones – Support Services Manager/Project Manager
 - Condor Team
 - Scott Lewis – Project Manager
 - Kyle White – On-Site Representative
 - Kim Tarantino – Project Coordinator
- Project Overview/Work
 - Repairs and maintenance at the Beardsley Abay Dam including earthwork, sheet pile work, restoration to abutment cut-off walls, construction of access roads, moving and restoration of riprap and borrow area, and assistance with wood-crib investigation as described in Section 00100, Project Description
 - Work is Maintenance/Repairs that are DSOD Mandated
 - Phase 1 Work described above to be completed in 2019

- Phase 2 Work (primarily wood decking replacement) will be completed next year
- Site Access/Laydown Area
 - Highway 108 – Beardsley Road (past Strawberry)
 - Contractor to work with TDP for road closure to public access at Beardsley Dam for duration of project
 - Beardsley Spillway Bridge
 - Bridge live load HS-20 rated
 - China Flat Day Use Area
- Schedule
 - Construction start and duration
 - 4-month contract duration (Notice-to-Proceed to Final Completion)
 - 6 weeks (maintenance on Abay Dam)
 - Critical Path Schedule
 - 7/19/19 questions due
 - 7/26/19 bids due
 - 8/15/19 TDP Board meeting and Contract Award
 - 8/23/19 Notice-to-Proceed
 - By 8/29/19 Pre-Construction Meeting
 - Tentative 9/6/19 Start Work (non-wetted work areas) – could be sooner if authorized
 - 10/7/19 Start Dam Maintenance Work
 - 11/17/19 Substantial Project Completion
 - 12/30/19 Final Project Completion
 - Bidder comments
- Bid and Contract
 - Contract Docs include Drawings with Specifications
 - Bid and contract in Div. 0
 - Includes bid forms and bonding requirements
 - Section 00300.9.B includes factors TDP may use in determining whether or not a bidder is responsible
 - Section 00550 includes the Bidder's responsibility statement
 - A valid Class A CA contractor's license is required at the time of bidding and throughout the project
 - This is a prevailing wage project
 - Required DIR/PW submittal documentation described in Contract Specification Sections 00300.20, 00520.5 and 00520.6

- A list of potential steel sheetpile providers is available for bidders convenience
 - List provided for potential contractor convenience, suppliers listed have been contacted about the project.
- Environmental and Permitting
 - Discuss from Project Description Summary, Section 00100
 - Non-wetted Work areas – within 1 vertical foot elevation of the surface water in designated Work areas
 - Project will be operating under permit conditions from the U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and the California Department of Fish and Wildlife.
 - Agency conditions are incorporated into the bidders plan sets and job description
 - Agency permits have limitations to impacts to the river and its surroundings, as allowed for within bidder plan sets provided in bid packages. Any proposed deviation from designated work areas that are designated within the plan sets for the borrow area and dam repair area should be fully discussed with Tri-Dam and/or Condor prior to relying on any ability to impact such areas.
- Supplemental Information
 - Historical Drawings
 - Copies of original dam construction Drawings are classified as Critical Energy Infrastructure Information (CEII) and are confidential
 - Reduced-scale hard copies provided to potential bidders during meeting, electronic version will be provided for bidders use, but shall not be made available to the public.
 - Historical drawings provide details on how the decking is configured, information that will be necessary for the Crib Investigation Work.
- Q & A
 - Is FERC providing Oversight and if so will that impact the schedule?
 - DSOD is the agency that has called for the repairs, FERC is tracking the project but not involved with schedule. This project has been classified CEQA exempt.
 - What if the equipment is heavier than 70K pounds (max load on bridge as indicated on the plans), can the bridge be bypassed?
 - If the contractor is proposing to deviate from the footprint as designated, there will have to be a formal submittal request and response from regulatory agencies. Footprint of project has been approved by agencies and difficult to deviate from.
 - If proposed deviations from the existing bridge max load is requested, Contractor must provide stamped Structural Engineer calculations.
 - How accurate is the specified 1 to 2 ton boulder requirement and what kind of QA/QC will be performed?
 - Determination will be made in the field, Contractor is not required to have a scale on site.
 - Do you have a supplier list for timber like you do for sheetpile?

- No, not for Phase 1. Our initial investigation was for Redwood, not for the temporary Douglas Fir as included in this phase of the Work.
- The plans require that rock meet Caltrans spec, if there is not sufficient rock found will a Change Order be required?
 - We do not anticipate this being an issue and will discuss in the field if necessary.

Pre-bid meeting end at 9:30

Site Tour (tour began at 10)

See handout to Beardsley Road/China Flat Day Use Area

- Rock Borrow Area
- Beardsley Spillway Bridge
 - Are there as-built plans that can be provided on the bridge?
 - We will investigate and provide the information if it is available.
 - The bridge is a removable bridge.
 - When removed, how is it put back?
 - A crane is used.
- China Flat Day Use Area
- Beardsley Afterbay Dam
 - Several features along the access road to the Abay dam from China Flat Day Use Area were pointed out, including overhead electrical/communication lines and vault cover above PG&E Sand Bar inlet structure.
 - Can the control lines be removed?
 - The control lines will need to be temporarily relocated but are necessary to operate the bypass valve during construction. Contractor will work directly with TDP staff; TDP personnel will be responsible for temporary relocation and restoration.
 - How was the material that sheetpiles are being driven through been verified?
 - Original Abay design drawings and limited construction photos.
 - Note that there will be some tree removal as part of TDP's maintenance that will happen prior to contractor mobilization (1 large tree on existing pathway directly leading to the Abay north abutment, 1 snag on the downstream side of Abay south abutment, and some trees near the road from China Flat Day Use Area). Vegetation on downstream side can be limbed.
 - How many feet down from what we see now will the water be?
 - Approximately 23'. Abay is required to maintain a minimum of 20 to 45 cfs through the 6' outlet pipe.
 - Note that the downstream riprap bench specified will remain, equipment pad(s) within the river channel must be removed.

- Is the 15' bench for equipment access as specified for a particular crane model and does the 15' include a safety factor?
 - Submit as a formal question, design engineer is not in attendance to answer this question.
- Is the existing timber decking hardware available to re-use following the Crib Investigation?
 - It is unlikely that much of the fastening hardware will pass QC for re-use, plan for replacement. Refer to the drawing notes and details for additional information.
- Can the boards be cut for the investigation?
 - No, the contractor will be required to dismantle the boards and re-build in the same pattern. The historical CEII drawings show the detail of how the lumber is configured.
 - The intent is to begin dismantling the decking at the approximate center of each of the 9 investigation locations. The deck removal limits shown on the drawings illustrate the maximum dimensions of the deck board removal; the actual clear opening to the space below the deck boards will be smaller.
- How long do you anticipate the investigation to take?
 - Investigation observations below the decking will require coordination with DSOD staff, TDP staff and Condor staff. Anticipate 1 to 2 days for investigation observations below the decking. Decking removal can begin after October 7, simultaneously with other work.
- Are the removed boards being re-used when replacing during the investigation?
 - No, specified on Drawings as Douglas Fir board replacement. There is an Alternate in the Bid for Douglas Fir No. 2. We understand there is a lead time for this material.
- Reminder that pre-construction video of facilities is required as a contractor submittal, including overhead electrical lines and splice boxes, etc.
- Q & A
 - Will there be a source for construction water?
 - Yes, we will provide details at a later date, but the source will be on-site.