

Pre-Bid Meeting Notes

OID Segment 3 Project

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Wednesday, July 13, 2022, 9:00 am – 11:30 am

Segment 3 Project

Meeting

- Introductions
 - OID
 - Scot Moody – GM
 - Sharon Cisneros – CFO
 - Eric Thorburn – Water Operations Manager/District Engineer
 - Emily Sheldon – Associate Engineer
 - Joe Kosakiewicz – Construction and Maintenance Manager
 - Provost & Pritchard
 - Scott Lewis – Principal in Charge
 - Andy Kositsky – Engineer of Record
 - Kim Tarantino – Project Administrator
 - **Potential Bidders/Subcontractors attendees**
 - **Hannah Groteguth – SMCI (Prime)**
 - **Jason Myers – Dees Hennessey (Sub)**
 - **Brandon Ludwig – KW Emerson (Prime)**
- Project Overview/Work
 - Rehabilitation and repair of canal inverts, walls, access ramps, site access and siphon inlet/outlet headwall and apron, as described in detail in Contract Specification Section 00100, Project Description.
 - Engineers Estimate of Probable Construction Cost is \$1.54M
- Site Access
 - Highway 108 (Willms Road)
 - Willms Ranch Compound Limitations
 - **Private Property**
 - **District has negotiated an agreement with property owner that allows for 30 days of access without charge**
 - **Flume (will visit during site tour) will be another access point but has limited clearance**

- Schedule
 - Construction start and duration
 - ~3.5-month contract duration/allotment
 - Work Start no sooner than 11/1/2022 – **water out 11/1, potentially sooner but unknown**
 - Substantial completion and out of canal 2/18/2023
 - Final completion 3/31/2023
 - Critical Path Schedule
 - 7/25/2022 questions due
 - 8/4/2022 bids due
 - 9/6/2022 Contract Award
 - 10/3/2022 Notice-to-Proceed
 - By 10/21/2022 Pre-Construction Meeting
 - Tentative 11/2/2022 Start Construction
 - 2/18/2023 Substantial Project Completion
 - Bidder comments
- Bid and Contract
 - Contract Docs include Specifications and Drawings
 - Bid and contract in Div. 0 of Specs
 - Includes bid forms and bonding requirements
 - ❖ Note Bid Items 1C (Willms Access Fee), 1D (Hunter's Staging Area) and 3C (backfill shotcrete)
 - Section 00300.9.B includes factors OID may use in determining whether or not a bidder is responsible
 - Section 00550 includes the Bidder's responsibility statement – **Note the required information in this section**
 - ❖ List shotcrete projects on pages 00550-4 and -5 – Required
 - ❖ Required shotcrete experience on page 03470-5
 - 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
- Environmental and Permitting
 - Discuss from Project Description Summary, Section 00100
 - Waterflow suspended from South Main Canal 11/1 to 2/28 every year
 - Stormwater Management, Sections 00100 and 02290
 - Stormwater Management Memo (attachment to Section 00100)

- **OID Responsibilities** – open and lock primary spill between Goodwin Dam and Project Site (Two Mile Bar Road); turnout upstream of Tunnel 7 locked in open position; unlock control valve located at canal plug adjacent to Webb Tunnel downstream portal and available for operation by Contractor
- **Contractor Responsibilities** – submit Stormwater Management Plan within 2 weeks of NTP; check dam immediately downstream of Two Mile Bar spill prior to 11/8/22; capable of bypassing a minimum stormwater flow of 1,500 gpm (3.3 cfs); vacate canal in major event, such as December 2021
- **Historical Rainfall table provided** – max rainfall typically occurs in winter (December through March); best construction schedule in terms of avoiding canal stormwater flows is to start immediately after irrigation season ends (11/1) and complete as much as possible before end of December
- **Supplemental Environmental Requirements, Section 02210**
 - Contractor responsible for SWPPP reporting and submittal, and shall comply with CEQA special-status species requirements, mitigations and limitations (including WEAP training)
 - **Site specific environmental awareness training will be conducted by OID biologist at the pre-construction meeting**
 - **Environmental Surveys – OID responsibility**
 - **OID has biologist responsible for compliance with environmental requirements and has the authority on behalf of OID to pause work**
 - Nesting Birds (preconstruction survey not required – outside of nesting season 9/1 – 1/31)
 - Swainson’s Hawk (precon survey within and up to 500 feet of project site). No mitigation anticipated since construction begins prior to 3/1 (start of nesting season).
 - Burrowing Owl (nesting season 2/15 – 8/31, no ground disturbance within 250 feet; non-nesting season 9/1 – 2/14, no ground disturbance within 160 feet or passive relocation of birds)
 - Valley Elderberry Longhorn Beetle (20-foot setback from elderberry shrub, flight season 3/1 – 7/31)
 - ❖ **The shrub is flagged and not anticipated to be in the construction zone. Contact OID immediately if that changes.**
 - CTS monitoring prior to start of work during rainy days (10/15 – 3/15)
 - ❖ **Biologist will inspect laydown areas 2 weeks and 24 hours prior to mobilization and construction**
 - ❖ **Biologist will be required to inspect equipment prior to start of day after rainfall – will schedule 2 days in advance when forecast shows ≥60% chance**
- **Supplemental Information**
 - Video – Segment 3 drone video files of canal, ramps, siphon inlet/outlet and apron all available on OID website, showing canal facilities during outage

- Safety for Site Visit
 - Do not fall in the canal
 - Do not start a fire
 - Watch for snakes
 - Stay on roadways and pathways
 - Drive safely
- Q & A
 - None

Tour

Will begin at Willms Ranch Compound into the siphon intake area and upstream ramp location, walk to the outlet of the siphon and downstream ramp location; drive out to the laydown area near Tunnel 8 then up the canal to Wildcat Creek Bridge. Then up Highway 108 to Two Mile Bar where the coffer dam location will be, show the ramps at the Webb Tunnel upstream portal area; then drive to Hunter property.

See handout to Willms Road and Two Mile Bar Road

- **Willms Ranch Compound – OID finished access road improvement**
 - **Owner wants to be left in current condition or better**
 - **Contractor responsible for maintenance of access road during duration of project**
 - **Primary use of access route through compound will be for mob/demob and concrete delivery**
- **Segment 3 Project Site and Laydown Area**
 - **Right-of-way (ROW): OID has ROW 50' from centerline on both sides**
 - **Most of the access for this work is outside of ROW**
 - **Maintain good relations with property owners during the duration of the project**
 - **Limited areas for staging**
 - **Area near ramp at siphon inlet limited to 100' x 100' for staging; this area will need to be cleared for CTS before mobilization**
 - **Contractor will be required to pick up gravel from this staging area and seed after demobilization**
 - **Canal/Siphon/Valve – OID will drain (clean water) and close valve. Contractor keep cementitious water out of Wildcat Creek. Note that a large storm event could fill siphon.**
 - **The “old farmer bridge” must remain intact and may not be used for transport**
 - **Note the difference in ground formation – consistent downstream, blocky upstream; upslope side of canal is unlined (primarily); bottom is irregular, moonscape. Road base will be required, lean concrete may be necessary in some places.**

- **End of apron details include doweling into existing canal sidewalls, and backfill concrete in voids**
- **Note both ramps are lump sum items, not a lot of grading work required, recompaction will be required**
- **Ramps must be within ROW +12' for through traffic**
- **Laydown area near Tunnel 8 – available for staging**
- **“Dry weather access” near the canal section at Wildcat Creek Bridge Flume 2 is not the best option for access – marshy/swampy type area**
- **Ramp access to bridge is limited for staging**
- **Wildcat Creek Bridge – last minute access option**
 - **Limited information on arches and beams – assume circa 1920s**
 - **Details include 3 plates – 1” sleeper plate/travel plate (trench plate) to transfer wheel load to beams**
 - **Main restriction is height (documented on plans) – possible equipment to cross include skid steer, road base delivery, possible concrete delivery by pumping**
- **Two Mile Bar Road – Cofferdam site**
 - **Cofferdam site**
 - **Main upstream spill – OID will open and lock valve, contractor will install cofferdam**
 - **Note that Webb Tunnel is accessible to drive during construction**
- **Hunter staging (convenient location for office trailers), Alternate Laydown Area, Canal Drainage Facilities**
 - **Gated area available (not required) to rent from Hunter directly without involvement of OID**
 - **Upstream Tunnel 7 cofferdam install at spill**
 - **Note that other than Two Mile Bar and Tunnel 7 spills, no water is to leave the canal or be pumped over the bank – all pumping will be to move water around work site and back into the canal**
- **Sonora Road no left turn, use Kennedy Road**

End Project Tour – 11:30 am