Operations Committee Meeting - February 13, 2020

1. Agenda Packet
   Documents:
   
   200213 AGENDA PACKET - POSTED 200207.PDF

2. Related Agenda Item
   Documents:
   
   AGENDA ITEM NO. 4. A. - PRESENTATION - POSTED 200214.PDF

3. Media Index By Agenda Item
   Documents:
   
   MEDIA INDEX BY AGENDA ITEM.PDF
OPERATIONS COMMITTEE

AGENDA

DATE: Thursday, February 13, 2020       TIME: 4:00 p.m.

1. CALL MEETING TO ORDER AND ROLL CALL.

2. ITEMS TO BE ADDED, WITHDRAWN, OR REORDERED IN THE AGENDA.

3. PUBLIC COMMENT.
   Opportunity for members of the public to address the Committee. (Government Code Section 54954.3).

4. ACTION AGENDA.
   The following items on the Action Agenda call for discussion and action by the Committee. All items are placed on the Agenda so that the Committee may discuss and take action on the item if the Committee is so inclined, including items listed for information.

   A. Status Update on 36-inch Main Project (Information Item) (No Enclosure)

   B. Process and Timeline for Selection of On-call General Construction Contractor (Information Item)

5. CLOSED SESSION.
   At any time during the regular session, the Committee may adjourn to closed session to discuss real property matters within the attorney-client privilege, subject to the appropriate disclosures. (Government Code Section 54956.8).

6. NEXT MEETING DATE: Wednesday, February 19, 2020 at 3:00 p.m.

7. ADJOURNMENT.

This agenda was posted at least seventy-two (72) hours before the meeting in a location freely accessible to the Public on the exterior bulletin board at the main entrance to the Authority’s office and it is also posted on the Authority’s website at www.sweetwater.org. No action may be taken on any item not appearing on the posted agenda, except as provided by California Government Code Section 54954.2. Any writings or documents provided to a majority of the members of the Sweetwater Authority Governing Board regarding any item on this agenda will be made available for public inspection at the Authority Administration Office, located at 505 Garrett Avenue, Chula Vista, CA 91910, during normal business hours. Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to the Board Secretary at (619) 409-6703 at least forty-eight (48) hours before the meeting, if possible.

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TO: Governing Board
FROM: Management (Operations Committee)
DATE: February 7, 2020
SUBJECT: Process and Timeline for Selection of On-call General Construction Contractor

SUMMARY
At its January 8, 2020 meeting, the Board authorized an extension of the contract with the current On-call General Construction Contractor (On-call Contractor), El Cajon Grading and Engineering, Inc. (El Cajon Grading) for six months and directed staff to review the process for selecting the next On-call Contractor prior to advertisement. With the authorized extension, the contract with El Cajon Grading will expire on August 1, 2020.

The Authority utilizes an On-call Contractor to augment its construction crews when the Authority does not have resources available to perform necessary work in a timely manner. These situations are often due to unforeseen fluctuations in workload, such as emergency work and spikes in private development, and can also include specialty work. The Authority also uses the On-call Contractor to supplement Authority crews for a variety of work including City and County-funded street improvements, installation of water services, water main extensions for private development, and capital projects. Historically, the Authority has entered into five-year contracts with the selected On-call Contractor.

Following the Authority’s Procurement Policy, below is the proposed process and timeline for an award of contract:

- **March 18, 2020** Draft Request for Proposals (RFP) presented to the Operations Committee for review
- **March 25, 2020** RFP presented to the Board for review and approval; staff circulates RFP
- **May 20, 2020** Due date for proposals
- **May 20 – June 12, 2020** Staff reviews proposals and makes a recommendation for selection to the Operations Committee
- **June 17, 2020** Operations Committee considers the staff recommendation for an award of contract and makes a recommendation for selection to the Governing Board
- **June 24, 2020** Governing Board awards contract
This proposed timeline allows for time at the end of June and all of July 2020 to process bonds and insurance and to execute a contract with the selected On-call Contractor prior to the current contract expiration date of August 1, 2020.

**PAST BOARD ACTIONS**

January 8, 2020  The Board authorized an extension of the current On-call General Construction Services contract with El Cajon Grading & Engineering Company, Inc., Lakeside, CA for six months and directed staff to begin the competitive process to select the next On-call General Construction Service contractor and review the process with the Operations Committee prior to advertisement

November 12, 2014  The Board awarded a five-year contract to El Cajon Grading & Engineering Company, Inc. for On-Call General Construction Services

**FISCAL IMPACT**

The contractor is paid on a time and materials basis for work performed. If the On-call Contractor is used to install a water service, those costs are reimbursed by the property owner. If the On-call Contractor is used to relocate water facilities associated with a street improvement project in the City of Chula Vista, those costs are reimbursed 50 percent by the City. All other work is paid by the Authority.

Below is a summary of the costs incurred by the current On-call Contractor over the past five years for reference:

- Capital Projects $1,905,091.59
- Chula Vista Street Improvement (50% reimbursable) 451,624.13
- County of SD Street Improvement 15,849.74
- National City Street Improvement 329,840.07
- Expense Projects 264,426.25
- Developer Reimbursable Projects (100% reimbursable) 1,217,400.79

**Total $4,184,232.57**

**POLICY**

The Authority Procurement Policy and Procedures (Procurement Policy) requires that contracts over $75,000 be awarded by the Board. The Procurement Policy allows for contracts to be executed for up to five (5) years.

Strategic Plan Goal 2: System and Water Supply Reliability (SR) – Achieve an uninterrupted, long-term water supply through investment, maintenance, innovation and developing local water resources.
Memo to: Governing Board (Operations Committee)
Subject: Process and Timeline for Selection of On-Call General Construction Contractor
February 7, 2020
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- Objective SR6: Review plans submitted by Chula Vista, National City, and County of San Diego for street improvement projects to identify potential conflicts, then develop the most cost-effective facility modifications to avoid known or potential conflicts.

- Objective SR7: Review proposed development plans and install necessary infrastructure to ensure the facilities meet the required demand, achieve code compliance, avoid cross-connections, and have minimal-to-zero financial impacts to the Authority's ratepayers.

- Objective SR9: Cost-effectively maintain facilities and infrastructure to optimize their useful life and performance.

STAFF RECOMMENDATION
This report is provided for informational purposes only.
36-inch Transmission Main Replacement Project Construction Update

Ron R. Mosher, Director of Engineering
Luis Valdez, Engineering Manager
Background

• Install 16,500 fee of 36-in transmission main
• Abandon existing transmission main
• 2010 Water Dist. System Master Plan identified need to replace approximately 25,000 feet transmission main
• Further assessment and 2015 Master Plan reduced replacement length by 8,500 feet
• Pipe vintages range from 1923 (Chula Vista Golf Course) to 1946 (Bonita Golf Course & Bonita Rd.)
Background (cont.)

- Contract Value = $14.1M
- Project Bid April 9, 2019
- Awarded to CCL Contracting in April 24, 2019
- Notice to Proceed issued June 17, 2019
- 18-month contract
- Completion on December 8, 2020
Project Objectives

• Ensure reliability of the treated water delivery system
• Improve the ability to maintain water deliveries to customers in the service area
• Safeguard operational reliability for another 75-100 years by replacing the aging system
• Construction Objectives
  • Quality installation conforming to contract specifications
  • Complete within Funding and Schedule Constraints
  • Public Outreach & Notifications
  • CEQA/Monitoring Program Compliance
Project Alignment (continued)

Segment 4

- Conduit Rd. and easements on Bonita Golf Course
- New alignment

FIGURE 7
Project Location on Aerial Photograph
Segment 4: Bonita Golf Course
Staging Pipeline Along Bonita Golf Course
Pipeline Construction Along Bonita Golf Course
Backfilling & Advancing
Compacting Pipe Trench
Pipeline Appurtenances
County Trail Restoration – Looking West to Sunnyside Bridge
Other Impacts:
Temporary Trail Closures

- Coordination with County of San Diego Parks and Recreation Department while working in Segments 3 and 4
- Avoidance of trail use peak season on Segment 4
- Trail detours will be provided
- Temporary trail closures
- Impacted trail restoration
Trail Detours & Signage
**PIPEDLINE REPLACEMENT UPDATE**

Temporary impacts planned for portions of nearby trails.

Construction of Sweetwater Authority’s 36-inch transmission pipeline replacement project is underway, and you’ll see new replacing sections of the pipeline along Bonita Valley over the next 18 months. During the next four months, you can expect to see construction along and within the Bonita Golf Course and portions of Conduit Road.

The following schedule and maps outline the current timeline and temporary impacts to trails access in the area during the initial phase of construction. Please note this schedule may be impacted due to unforeseen circumstances, such as inclement weather.

<table>
<thead>
<tr>
<th>DATES</th>
<th>ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov. 18</td>
<td>Trail impacts along southern portion of Bonita Golf Course begin (see link below) Trail Impact Map below)</td>
</tr>
<tr>
<td>Nov. 18-30</td>
<td>Temporary fencing installed &amp; construction materials delivered</td>
</tr>
<tr>
<td>Dec.-Jan.</td>
<td>Pipeline installation &amp; trail impacts along and within Bonita Golf Course</td>
</tr>
<tr>
<td>Late Jan.</td>
<td>Impacts to access along Conduit Road begin</td>
</tr>
<tr>
<td>Feb.-Mar.</td>
<td>Pipeline installation &amp; trail impacts along Conduit Road</td>
</tr>
</tbody>
</table>

![Map of pipeline expansion and trail impacts](image)

To ensure the safety of all trail users, please note the following during the duration of construction:

- Trail closures and detour signage will be posted in appropriate areas.
- Trail users will continue to have access to Sweetwater Summit Park.
- For the most current project information and maps, visit [www.sweetwater.org/36project](http://www.sweetwater.org/36project).

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**CONTACT US**

[www.sweetwater.org/36project](http://www.sweetwater.org/36project)
[36project@sweetwater.org](mailto:36project@sweetwater.org)

**CONSTRUCTION**

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**SWEETWATER AUTHORITY**

Providing safe, reliable water

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**36-Inch Transmission Main Replacement Project**

**Background & Objectives**

The 36-inch transmission main is a critical component of Sweetwater Authority’s water distribution system. The pipeline is a key transmission facility connecting the Authority’s primary water source at Sweetwater Reservoir/Poway Water Treatment Plant to the distribution system in Bonita Valley and western Otay Valley. The most critical sections of the transmission main, some of which have been in service for nearly 100 years, have reached the end of their useful life and will be replaced to maintain service reliability.

**Project Overview**

The 36-inch Transmission Main Replacement Project involves:

- Installation of approximately 3.5 miles of new transmission main:
  - 15,600 ft of 36-inch welded steel pipeline
  - 3,160 ft of 48-inch welded steel pipeline

- Abandonment of approximately three miles of existing transmission main

- Replacement of pipe segments into improved alignment and away from less accessible areas including the Bonita Golf Course and an easement within a condominium complex

**Temporary Impacts**

- Traffic control
- Construction will avoid peak traffic times at critical intersections
- Temporary trail access impacts near the Bonita Golf Course and the Chula Vista Trails

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**Outreach**
Project Alignment

FIGURE 3
Project Alignment on Aerial Photograph
AGENDA

DATE: Thursday, February 13, 2020
TIME: 4:00 p.m.

1. CALL MEETING TO ORDER AND ROLL CALL. (00:01)

2. ITEMS TO BE ADDED, WITHDRAWN, OR REORDERED IN THE AGENDA. (00:20)

3. PUBLIC COMMENT. (00:25)
   Opportunity for members of the public to address the Committee. (Government Code Section 54954.3).

4. ACTION AGENDA.
   The following items on the Action Agenda call for discussion and action by the Committee. All items are placed on the Agenda so that the Committee may discuss and take action on the item if the Committee is so inclined, including items listed for information.

   A. Status Update on 36-inch Main Project (Information Item) (No Enclosure) (00:33)
   B. Process and Timeline for Selection of On-call General Construction Contractor (Information Item) (34:28)

5. CLOSED SESSION. (56:43)
   At any time during the regular session, the Committee may adjourn to closed session to discuss real property matters within the attorney-client privilege, subject to the appropriate disclosures. (Government Code Section 54956.8).

6. NEXT MEETING DATE: Wednesday, February 19, 2020 at 3:00 p.m. (56:47)

7. ADJOURNMENT. (57:33)

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A Public Water Agency
Serving National City, Chula Vista and Surrounding Areas