

Agenda Item No. VI

To: Board of Directors  
From: Dave Andres, General Manager  
Subject: Public Hearing: Wastewater Treatment Plant Project – Bid Authorization  
Date: April 26, 2021

Background: District staff has been working with our consultants, Forsgren Associates and Black Water Engineers, along with State Department of Water Resources State Revolving Fund (SRF) Program staff to prepare for the bidding of *Upgrades to the Wastewater Treatment Plant (WWTP)*. Forsgren Associates is providing Construction Management Services to the District on the project and Black Water Engineers is conducting the design work for the project. It has taken us over five-years to get to the point that we are now ready initiate the construction bidding process on the WWTP. The SRF Grant provides 100% state funding with no local match required due to the status of Tuolumne City as a Severely Disadvantaged Community (SDAC). The project grant covers both “*hard costs*” such as equipment and material purchases, construction labor, and construction equipment use, as well as “*soft costs*” such as environmental studies, engineering design, construction management and the like.

Discussion: The project is now ready to bid. Assuming your Board authorizes bidding on the project the near-term project schedule looks as follows:

Issue / Advertise Bids.....May 6, 2021  
Prebid On-site Mandatory Contractor Meeting.....9:15 AM, May 26, 2021  
Contractor Bids Due at District Office.....1:30 PM, June 23, 2021  
Bid Award at Regular Board Meeting.....2:00 PM, July 7, 2021

As you may recall the SRF program limits applicants to no more than \$8,000,000 in funding every five-years with the maximum for any one project limited to \$6,000,000. A priority was placed on the Wastewater Collection System that got the bulk of funding for this grant application cycle. As a result, the WWTP project was limited to \$2,000,000.

Table 1 below provides an outline of the estimated construction costs for the project. The District anticipates funding will be available for the “Base Bid” projects identified in Table 1. The total currently available under the SRF Grant is approximately \$1,510,000. Depending on what contractor is awarded the bid, any additional funds could be allocated to the projects listed below under Table 2.

Table 1. Preliminary Construction Cost Estimates - Base Bid

<u>Priority</u>	<u>Description</u>	<u>Estimated Cost</u>
1.	Lagoon Relining	\$ 192,800
2.	Lagoon Aerator	\$ 119,300
3.	RAS Pumps	\$ 577,600
4.	SCADA / Automated Control Updates	<u>\$ 30,000</u>
Subtotal	Estimated Construction Costs	\$ 919,700
	Soft Costs (engineering, inspection, testing, etc.)	\$ 260,000
	Contingency (10%)	\$ 118,000
Total	Base Bid Estimate	\$ 1,297,700

If additional funds are available based on the low bid award the following projects will be used as the priority list for any remaining available funding:

Table 2. WWTP Deductive Alternative Projects

<u>Priority</u>	<u>Description</u>	<u>Estimated Cost</u>
1	Effluent Line Relocation	\$ 243,230
2	<u>Paving Projects</u>	<u>\$ 561,000</u>
Priority A	2.6 - Aeration Basin	\$ 151,300
Priority B	2.5 - Driveway	\$ 13,144
Priority C	2.3 - Pump House Paving	\$ 4,650
Priority D	2.1 - Blower Building*	\$ 34,180
Priority E	2.4 - Lagoon	\$ 193,340
Priority F	2.2 - Parking Lot	\$ 164,386
	* contingent on the construction of the effluent line project	

Fiscal Impact: A total of \$2,000,000 in state grant funding for planning, design, and construction costs was awarded the District for the WWTP. Approximately \$1,510,000 is currently available to complete the project.

Attachment(s): Project drawings are available for review at the District Office.

Recommendation: Open Public Hearing for comments, Receive Public Comments, Close Public Hearing and Authorize the General Manager to bid the project.

Recommended Motion: I move to authorize the General Manager to request bids for the Wastewater Treatment Plant Construction Project under the State Revolving Fund Program.

**BOARD ACTION:**

<input type="checkbox"/> Resolution No_____	Moved by: _____	Second by: _____
_____ AYES	_____ NOES	_____ ABSTAINED
_____ ABSENT	<input type="checkbox"/> No Action Taken	