

TUOLUMNE CITY SANITARY DISTRICT		
TCSD 18050 BOX FACTORY ROAD TUOLUMNE, CA 95379	REGULAR MEETING STAFF REPORT April 3, 2024	PHONE: 209.928.3517 FAX: 209.928.4550 EMAIL: brendatsd@frontier.com

Agenda Item No. 4

To: Board of Directors
 From: Jeff Cooley, General Manager
 Subject: Public Hearing: Wastewater Treatment Plant Project Phase II– Bid Authorization
 Date: April 3, 2024

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 the Wastewater Treatment Plant (WWTP) Phase II construction project. 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. We are now ready to initiate the construction bidding process on the project. 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 and construction management.

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

Issue / Advertise Bids April 18th, 2024
 Prebid On-site Mandatory Contractor Meeting..... 9:00 AM, May 2nd, 2024
 Contractor Bids Due at District Office..... 1:30 PM, May 22nd, 2024
 Bid Award at Regular Board Meeting.....6:00 PM, June 5th, 2024

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 for this portion of Phase II Improvements under the SRF Grant is approximately \$825,000.

Table 1. Preliminary Construction Cost Estimates - Base Bid

<u>Item</u>	<u>Description</u>	<u>Estimated Cost</u>
1.	Mobilization/Demobilization	\$27,000
2.	Aeration Basin Perimeter Paving	\$ 309,808
3.	Effluent Outfall Pipeline Replacement	\$ 148,950
	Contingency (15%)	\$72,864
Subtotal	Estimated Construction Costs	\$558,622
	Design, Bid/Engineering Services (10%)	\$ 55,862
	Construction Management (10%)	\$55,862
	Environmental Assistance	\$ 20,000
Total	Base Bid Estimate	\$ 690,346

If additional funds are available based on the low bid award the following project will be selected for approval of construction in the project:

Table 2. WWTP Phase II Deductive Alternative Project

	<u>Description</u>	<u>Estimated Cost</u>
	Aeration Basin Overflow Inlet Paving	\$ 70,966

Fiscal Impact: A total of \$3,893,158 in state grant funding for planning, design, and construction costs was awarded the District for the WWTP SRF Construction Phases I and II. Of that amount of funding \$2, 211,010 was available for Phase II. The costs are shown below in Table 3 for the Project Components and WWTP Construction Grant Phase II in Table 4.

Table 3. Project Components

<u>Description</u>	<u>Amount</u>
Reimbursement for Prior Costs	\$324,500
SCADA Development Project	\$ 592,250
WWTP Construction Projects	\$ 1,294,260

Table 4. WWTP Construction Grant Phase II

<u>Description</u>	<u>Amount</u>
Design, Engineering, & CM	
Forsgren	\$ 230,000
Black Water	\$ 205,686
Control Point	\$15,000
Survey/Material Testing	\$5,000
Miscellaneous	\$13,574
Subtotal	\$469,260
Construction	
WWTP Construction	\$ 700,000
Construction Contingency	\$75,000
Administration	\$50,000
Subtotal	\$825,000
Total	\$ 1,294,260

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 Phase II 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	