

TUOLUMNE CITY SANITARY DISTRICT

TCS
18050 BOX FACTORY ROAD
TUOLUMNE, CA 95379

REGULAR MEETING STAFF REPORT SEPTEMBER 7, 2022

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To: Board of Directors
From: Dave Andres, General Manager
Subject: Notice of Completions – Sludge Disposal and WWTP Construction Project (Phase 1)
Date: August 30, 2022

Agenda Item: IV

Background: The District sent out a Request for Proposal (RFP) on May 18, 2022 to have the sludge dewatered and removed from the treatment plant. The District undertakes this project approximately every 3 years in order to remove accumulated sludge stored in our sludge lagoon. Proposals were due on June 22, 2022 at 1:30 PM. Four proposals were received and your Board awarded the project to the lowest responsive and responsible bidder Synagro, Inc., whose local office is located at 1499 Bayshore Blvd., Suite 113 Burlingame, CA 94010 in the amount of \$164,625. Staff estimated that 75 tons of dry sludge was available for removal and that 75 tons was used for establishing a base for bidding purposes. Actual dry sludge removal costs will be based on the weight slips from each truck disposing of the sludge. The per ton cost of removal was established in the Bid Award at \$2,195.00 per ton.

In respect to the Wastewater Treatment Plant (WWTP) Construction Project (Phase 1) Table 1 below provides an outline of the project based on actual construction project costs. The construction work included the Base Bid, two Alternate Additive projects (A-1 & C-1), and 8 Change Orders. The construction project total cost is \$1,467,433.

Table 1. WWTP (Phase 1) Construction Costs – Cushman Contract

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>CONTRACT COST</u>
1.	Mobilization / Demobilization	\$ 42,000
2.	Lagoon Relining	\$245,000
3.	Lagoon Aerator	\$141,000
4.	RAS Pumps	\$338,000
5.	Electrical / Automated Control Updates	\$550,000
Subtotal:	Base Bid Costs	\$1,316,000
Alternate A-1	Driveway Concrete Paving	\$ 26,000
Alternate C-1	Pump House Concrete Paving	\$ 20,000
Subtotal:	Alternative Additives	\$46,000
Change Orders	Numbers 1 through 8	\$105,433
Construction Project Total:	All Phase 1 Construction Work	\$1,467,433

Discussion: In respect to the sludge disposal project Synagro began mobilized their equipment on August 22, 2022 and as of August 30, 2022 have yet to complete the work. Due to contractor equipment issues and the lack of available truck haulers this project has slowed considerably. If the work is completed by our Board meeting we will proceed to adopt the “*Notice of Completion*” resolution. If not, this item will be continued until your next Board meeting

The Phase 1 WWTP Construction Project went smoothly. We had some delays due to “supply chain” issues, particularly in respect to the pre-cast vault. The contractor and his employees’ were very professional and handled the work well. Despite these delays the project was completed ahead of our state-imposed schedule.

Fiscal Impact: Sludge Disposal: \$164,625 based on 75 tons; actual tonnage to be determined; Contract price is \$2195 per ton. WWTP (Phase 1) Construction Project Total Cost - \$1,467,433

Attachment(s): Resolutions 2022-08 and 2022-09

Recommendation: Approve attached resolutions.

Recommended Motion: 1.) I move to approve Resolution 2022-08 accepting the *Sludge Dewatering, Hauling and Disposal Project* at a total cost of \$ _____ and authorize the General Manager to file a *Notice of Completion*, or I move to continue this item to our October 5, 2022 Board meeting.

2.) I move to approve Resolution 2022-09 accepting the *Wastewater Treatment Plant (Phase 1) Construction Project* at a total cost of \$1,467,433, approving Change Orders 1 through 8 and authorizing the General Manager to file a *Notice of Completion*.

BOARD ACTION:

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