



STAFF REPORT

DATE: 11/05/2025

TO: Honorable Mayor and City Council Members
Honorable President and Board Members

FROM: Utilities Department

2025-428

REQUEST FOR CITY COUNCIL AND CORONA UTILITY AUTHORITY ACTION

SUBJECT:

CONSTRUCTION CONTRACT WITH GSE CONSTRUCTION COMPANY, INC. FOR THE SIERRA DEL ORO WATER TREATMENT PLANT FLOCCULATION BASIN WOOD BAFFLES AND MOUNTS

EXECUTIVE SUMMARY:

This staff report requests that City Council award Notice Inviting Bids 26-008AS to GSE Construction Company, Inc. for the Sierra Del Oro Water Treatment Plant Flocculation Basin Wood Baffles and Mounts Rehabilitation Operating and Maintenance Project No. 78190. The project involves replacing deteriorated baffles and mounting brackets, repairing damaged concrete, and applying corrosion protection and epoxy coating to ensure the flocculation basins operate efficiently.

RECOMMENDED ACTION:

That the City Council:

- a. Adopt the Plans and Specifications for the Sierra Del Oro Water Treatment Plant Flocculation Basin Wood Baffles and Mounts Rehabilitation Project, Notice Inviting Bids 26-008AS.

- b. Award Notice of Inviting Bids 26-008AS to GSE Construction Company, Inc., the lowest responsive, responsible bidder, for the total bid amount of \$166,700 and waive any and all minor irregularities in the bidding documents as submitted by said bidder.
- c. Approve the Construction Contract with GSE Construction Company, Inc., for the Sierra Del Oro Water Treatment Plant Flocculation Basin Wood Baffles and Mounts Rehabilitation Project in the amount of \$166,700.
- d. Authorize the City Manager, or his designee, to negotiate and execute non-substantive extensions, change orders and amendments up to 10% of total contract cost or \$16,670 as authorized by Corona Municipal [Code 3.08.060 \(H\)](#).
- e. Authorize an appropriation in the amount of \$193,166 from the Water Utility Fund 570 to the Sierra Del Oro Water Treatment Plant Flocculation Basin Baffles and Mounts Rehabilitation Operating and Maintenance Project No. 78190.

That the Corona Utility Authority review, ratify, and to the extent necessary, direct the City Council to take the above actions

BACKGROUND & HISTORY:

The Sierra Del Oro (SDO) Water Treatment Plant (WTP), located at 2940 Wilderness Circle, is a critical facility in the treatment of imported raw water purchased from Metropolitan Water District (MWD) for the City of Corona. SDO WTP treats raw water for total suspended solids (TSS) through a multi-stage filtration and disinfection process before distribution into the City's water system.

The flocculation basins at SDO WTP use baffles and mounting brackets to optimize water flow and improve sedimentation efficiency during the coagulation and flocculation processes. Over time, the existing wood baffles and mounting brackets have deteriorated, and sections of concrete have shown signs of structural degradation. To extend the useful life of the flocculation basins and maintain operational reliability, replacement of the baffles and brackets, structural concrete rehabilitation, application of corrosion inhibitor, and epoxy coating are necessary.

ANALYSIS:

On September 9, 2025, Notice Inviting Bids (NIB) 26-008AS was solicited following City of Corona Municipal Code (CMC) [Section 3.08.90](#) Public projects – formal bidding procedure and purchasing policy through the City's PlanetBids bidding portal. Project bidding was limited to the City's pre-qualified contractors only. The City has 15 prequalified contractors to perform water treatment, water pump station, well drilling, and water system mechanical projects. On September 22, 2025, four contractors attended a mandatory job walk held at the project site. One bid was received from a pre-qualified contractor through the PlanetBids bidding service by the bid due date of October 10, 2025, from the following vendor:

Vendor	City	Bid Amount
GSE Construction Company, Inc.	Livermore	\$166,700

The project scope includes removing and disposing of existing baffles and brackets, repairing baffle mount studs, installing new stainless-steel brackets and Fiberglass Reinforced Plastic (FRP) baffles, repairing deteriorated concrete, applying a corrosion inhibitor and epoxy coating, and completing startup and testing.

The following bid schedule prices were received from GSE Construction Company, Inc.:

ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL PRICE
1	Mobilization and Demobilization (less than 5%)	Lump Sum	1	\$7,500	\$7,500
2	Removal and disposal of existing baffles and mounting brackets	Lump Sum	1	\$20,000	\$20,000
3	Repair Existing Baffle Mount Stud	Lump Sum	1	\$2,000	\$2,000
4	Supply and installation of new 316 stainless steel mounting brackets, column plates and concrete anchor bolts	Lump Sum	1	\$91,200	\$91,200
5	Supply and installation of new baffles	Lump Sum	1	\$30,000	\$30,000
6	Structural rehabilitation of deteriorated concrete, including patching and application of concrete corrosion inhibitor	Lump Sum	1	\$10,000	\$10,000
7	Epoxy coating application	Lump Sum	1	\$5,000	\$5,000
8	Startup and testing	Lump Sum	1	\$1,000	\$1,000
Total Bid					\$166,700

Summary of Project Costs:

Project Management Support (City Staff)	\$20,000
Inspection and testing (On-Call Firm)	\$50,000
Maintenance and General Services Agreement	\$166,700
10% Change Order Authority	\$16,670
Project Cost	\$253,370
Funds Available in O&M Project No. 78190	\$60,204

Fund Appropriation Needed	\$193,166
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City Staff recommends that City Council award NIB 26-008AS and the Construction Contract in the amount of \$166,700 to GSE Construction Company, Inc., as the lowest responsive, responsible bidder for the SDO WTP Flocculation Basin Wood Baffles and Mounts Rehabilitation Project. All licenses and references for GSE Construction Company, Inc. have been viewed and verified by City Staff, and all other required documentation is in order.

FINANCIAL IMPACT:

Approval of the recommended actions will result in an appropriation in the amount of \$193,166 from the Water Utility Fund 570 to the Sierra Del Oro Water Treatment Plant Flocculation Basin Baffles and Mounts Rehabilitation Operating and Maintenance Project No. 78190. There is sufficient working capital for the recommended actions.

Fund	Project No.	Requested Appropriation	FY 2026 Current Balance	Project Balance*
570	78190	\$193,166	\$60,204	\$253,370
<i>*Upon Council Approval</i>				

ENVIRONMENTAL ANALYSIS:

This action is categorically exempt pursuant to Section 15302 (c) of the Guidelines for the California Environmental Quality Action (CEQA), which states that “operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the CEQA determination” and is therefore exempt from CEQA. This action involves repairs to existing infrastructure to maintain public health and safety. Therefore, the action is exempt from the requirements of CEQA, and no environmental analysis is required.

PREPARED BY: ERIN KUNKLE, MAINTENANCE MANAGER

REVIEWED BY: TOM MOODY, UTILITIES DIRECTOR

ATTACHMENT:

1. Exhibit 1 – GSE Construction Contract