



west virginia department of environmental protection

Division of Water and Waste Management
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Harold D. Ward, Cabinet Secretary
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MEMORANDUM

TO: Kathy Emery, P.E., Director, DWWM

FROM: Thomas Cazad, P.E., DWWM

DATE: July 14, 2022

SUBJECT: Charles Town Utility Board - WWTP Improvements Project
Bid Overrun Request
IJDC No. 2022S-2188

RECOMMENDATION

The bid overrun request prepared by Gwin Dobson & Foreman for the above referenced project has been reviewed and is technically feasible.

REQUEST AND DISCUSSION

Charles Town Utility Board (CTUB) opened bids on June 10, 2022, and the lowest bid was \$1,966,030 over the engineer's estimate. Additionally, CTUB has requested that both additive alternates, totaling \$387,000, be incorporated into the project due to their significance in improving operations at the WWTP. The project's funding scenario includes a CTUB commitment of \$2,725,699.72 and a public bond of \$4,284,203. CTUB is requesting a \$5,078,729.72 WDA Environmental Enhancement Grant (EEG) bid overrun grant to cover the overrun, the bid alternates, and match CTUB's commitment.

The project includes replacement of the WWTP's existing mechanical screen with a 6-millimeter perforated plate fine bar screen, vortex grit removal system and compactor in-kind, influent pumps and controls in-kind, SBR controls in-kind, DO and ORP probes in-kind, UV bulb units, existing belt filter press with a centrifuge, site electrical services, MCCs, and generator with upgraded service, MCC, and generator for all components and processes. This project will also modify the piping of the existing sludge holding tank's piping and decanter to maximize its usage. A new building will be built for the centrifuge and sludge dewatering

Promoting a healthy environment.

equipment. All necessary components to allow for updated controls and SCADA integration will be installed. The bid alternates included installation of influent and waste activated sludge metering vaults with SCADA integration.

It should be noted that the scope of work is technically eligible for CWSRF funding, but I cannot determine if all CWSRF required cross-cutters (Davis Bacon, AIS, NEPA, Etc.) were incorporated during the design and bidding process.