

(3)

BPW-2024-0319

CONSTRUCTION BUDGET – HYPERION WATER RECLAMATION  
PLANT EMERGENCY STORM FLOOD REPAIR – PLANT- WIDE CLEAN-UP  
AND URGENT REPAIRS – CAPITAL IMPROVEMENT PROJECT 2539

Recommending the Board:

1. AUTHORIZE the execution of the Construction Order for this work to Murray Plumbing and Heating Co. in the amount not-to-exceed \$20,000,000, including contingency.

(C-130183)

CD No. 11

## MOTION

The Bureau of Engineering (BOE) manages the Pre-Qualified On-Call (PQOC) Contracts for Emergency Repairs and Construction Services at the City of Los Angeles' (City) Wastewater Facilities. The Board of Public Works (Board) approved the PQOC list based on the evaluation criteria set forth in the Request for Qualifications and authorized the City Engineer to transmit and execute Contract Agreements with each PQOC contractor as needed. The term of the contracts is set for five years, and current contracts will expire on October 11, 2027. Under the guidelines for the list, the contractors are rotated to the bottom once they have been authorized to perform work or if they decline a project.

On February 4, 2024, the Hyperion Water Reclamation Plant (HWRP) experienced flows that exceeded its 850 million gallons per day hydraulic capacity, reaching over 900 million gallons per day. Due to this high flow, the bar screens were jammed with high amounts of debris which necessitated bypassing raw sewage to downstream process equipment and tanks. In addition, maintenance holes were lifted, and raw sewage was released into various areas in the plant. This led to sewage inundation, damaging vital equipment across several facilities, including the influent sewer metering vaults, parking structures, and multiple buildings and process facilities. The unscreened sewage entering the plant settled in tanks and channels, harming the grit and sludge removal systems and caused additional wear on solids handling equipment.

It is critical to expedite the repair of the facilities and equipment mentioned above due to their impact on plant operations and the plant's ability to meet discharge permit requirements. Additional resources are needed to clean and make repairs and reduce the amount of time needed to restore normal operation.

The following scope of work will be implemented via the **HWRP Emergency Storm Flood Repair (ESFR) Plant-wide Clean-up and Urgent Repairs (Capital Improvement Project 2539)** to restore the Service Water Facility to full operations:

1. Clean the flooded areas affected by the February 4, 2024 flood event.
2. Clean and repair Aerated Grit Basin and sludge collection equipment in the Primary and Secondary process areas.
3. Repair or replace electrical equipment and instrumentation in the influent sewer venturi vaults, Truck Loading Facility motor control center, and Dewatering Centrifuge Expansion I Polymer Station.
4. Repair or Replace mechanical equipment including grit pumps, sludge pumps, scum pumps and return activated sludge pumps, heat exchangers, grinders, and centrifuges.

On March 5, 2024, the BOE requested and received via email authorization from Commissioner Teresa Villegas to use the Emergency PQOC List to rehabilitate the Service Water Facility with a not-to-exceed amount of \$20,000,000. Additional funding

may be needed. BOE contacted Murray Plumbing and Heating Co. (C-130183), who was at the top of the contract list, and they accepted the work.

The project budget was approved by PRC on March 14, 2024, in the amount of \$20,000,000 with a scheduled completion in February 2025.

There is no impact to the General Fund. The total funding for this project is not-to-exceed \$20,000,000. No funding is required this fiscal year. Funding will be budgeted within the Sewer Construction and Maintenance Fund.

Future appropriations may change based on available cash balances. Therefore, funds and appropriations will be determined by the Director and General Manager of LASAN.

The City's liability under this contract shall only be to the extent of the present City appropriation to fund the contract. However, if the City shall appropriate funds for any succeeding years, the City's liability shall be extended to the extent of such appropriation, subject to the terms and conditions of the contract.

**I THEREFORE MOVE** that the Board authorize the execution of the Construction Order for this work to Murray Plumbing and Heating Co. in the amount not-to-exceed \$20,000,000, including contingency.

( EBW RMK AM )

Motion reviewed by:

BOE (ADM and EED)  
and BOS (FMD)

Motion prepared by:

Environmental Engineering Division

Ethan Wong, PE, CCM, ENV SP  
Division Engineer  
Phone No. (310) 648-6120

EBW/IH/NS/MO13-2024\_EED

Questions regarding this Motion  
may be referred to:  
Ibrahim Hafeez, PE, ENV SP, Project Manager  
Phone No. (310) 648-6111  
Email: [ibrahim.hafeez@lacity.org](mailto:ibrahim.hafeez@lacity.org)  
and/or  
Nadir Shah, PE, ENV SP, Senior Civil Engineer  
Phone No. (310) 648-6197  
Email: [nadir.shah@lacity.org](mailto:nadir.shah@lacity.org)

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Ted Allen', is written over a red digital signature stamp. The stamp contains the word 'ENGINEERING' at the top, followed by 'Electronic Signature by Ted Allen' and a date '2024/04/01'.

Ted Allen, PE  
City Engineer  
Bureau of Engineering