



Legislation Text

File #: 2022-394, Version: 1

Contract No. 2202164
Screenings & Grit Transportation and Disposal from WRRF & CSO Facilities
Vendor: Waste Management of Michigan

Agenda of: September 28, 2022
Item No.: **2022-394**
Amount: \$1,998,900.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

FROM: Suzanne R. Coffey, P.E.
Chief Executive Officer
Great Lakes Water Authority

DATE: September 2, 2022

RE: **Contract No. 2202164**
Screenings & Grit Transportation and Disposal from WRRF & CSO Facilities
Vendor: Waste Management of Michigan

MOTION

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. 2202164, "Screenings & Grit Transportation and Disposal from WRRF & CSO Facilities" with Waste Management of Michigan, at a cost not to exceed \$1,998,900.00 for a duration of two (2) years;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

As wastewater enters the Water Resource Recovery Facility (WRRF), the influent pump stations lift the wastewater to an elevation allowing it to flow by gravity through the preliminary and primary treatment processes. The preliminary treatment consists of a bar rack to remove rags, sticks, leaves, etc. They are collectively known as screenings from the wastewater stream. Once the screenings are removed, the inorganic material such as sand will settle in large tanks as grit. The screenings and grit are transported by process equipment and temporarily staged in waste storage bins while awaiting final disposal for the landfill. The scope of work for this contract involves the contractor furnishing all labor, material, supplies, equipment, and disposal sites (landfills) necessary for safe transport and disposal of all screening and grit generated, into a state approved, licensed landfill.

JUSTIFICATION

The GLWA wastewater system captures an estimate of 15,000 tons of screenings and grit a year throughout all its facilities. The National Pollutant Discharge Elimination System (NPDES) Permit MI0022802 requires GLWA to remove and dispose the captured screenings and grit to limit solids discharged into the Detroit River and Rouge River. A vendor is needed to haul and dispose of screenings and grit from WRRF and Combined Sewer Overflow (CSO) treatment facilities to various State approved landfills.

FINANCIAL PLAN IMPACT

Summary: There are insufficient funds in the current financial plan should this contract be utilized to the maximum value. The volume of screenings and grit disposed of may vary by year, which could possibly require an amendment to that year's financial plan. Should an amendment be required, it would first offset other costs that may be reduced, then from other budget areas, and finally from the unallocated reserve.

Funding Source: Operations and Maintenance (O&M) Budget (5960-Sewer)

Cost Center: Biosolids Dryer Facility, Central Offloading Facility & Hauling
(Wastewater System Operations Cost Center 892227)

Puritan-Fenkell Combined Sewer Overflow
(Wastewater System Operations Cost Center 892271)

Seven Mile Combined Sewer Overflow
(Wastewater System Operations Cost Center 892272)

Hubbell-Southfield Combined Sewer Overflow
(Wastewater System Operations Cost Center 892273)

Conner Creek Combined Sewer Overflow
(Wastewater System Operations Cost Center 892276)

Oakwood Combined Sewer Overflow
(Wastewater System Operations Cost Center 892278)

Expense Type: Contractual Operating Services (617900)

Estimated Cost by Year and Related Forecast Variance: See table below.

<u>Fiscal Year</u>	<u>Amount</u>
FY 2023 Budget (Prorated)	\$611,250.00
FY 2024 Financial Plan	825,200.00
FY 2025 Financial Plan (Prorated)	<u>210,350.00</u>
Total Financial Plan	\$1,646,800.00
Maximum Proposed Contract	<u>\$1,998,900.00</u>
Variance (positive/(negative))	<u>(\$352,100.00)</u>

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on September 14, 2022. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

SHARED SERVICES IMPACT

This item does not impact the shared services agreement between GLWA and DWSD.