

COMMISSION FILE NO: 19-017-2 **DATE INTRODUCED:** February 11, 2019

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1169, Jones Island Water Reclamation Facility Dryers 1, 3, 6, 7 Blade Replacements

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a purchase order with Veolia Water Milwaukee, LLC, (VWM) for Material Capital Repair or Replacement (MCRR) No. 1169, Jones Island Water Reclamation Facility (JIWRF) Dryers 1, 3, 6, 7 Blade Replacements, in an amount not to exceed \$473,577.

At JIWRF, Milorganite® is produced within the Dewatering and Drying Facility. The sludge drying process utilizes 12 rotary dryers, each approximately eight feet in diameter and 57 feet in length, to heat-dry dewatered biosolids, producing Milorganite®. Each dryer utilizes steel blades of various shapes and sizes attached to the inside dryer surface to mix and transport the biosolids through the dryer as drying is accomplished.

Over time, the highly abrasive nature of Milorganite® erodes the entire contact surface and cross section of the blades, reducing mixing, throughput, and drying effectiveness. Blades can become detached from the dryer interior surface, which can then damage the dryer interior.

VWM has assessed the condition of Dryers 1, 3, 6, and 7, and District staff concurs with their recommendation to replace and repair the blades and associated equipment in these dryers. Replacement and repair will restore the efficiency and capacity of these dryers and help ensure production of a heat dried product that meets Milorganite® standards.

Under this MCRR, the contractor will replace and repair dryer blades, chute liners, and associated hardware within Dryers 1, 3, 6, and 7.

ATTACHMENTS: **BACKGROUND** ☐ **KEY ISSUES** ☐ **RESOLUTION** ☒
FISCAL NOTE ☒ **S/W/MBE** ☒ **OTHER** ☐ _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1169, Jones Island Water Reclamation Facility Dryers 1, 3, 6, 7 Blade Replacements

VWM competitively bid the work and the Price Erecting Company was the lowest and only responsible and responsive bidder. The purchase order will be issued to VWM, which is responsible for managing and overseeing the contract with the Price Erecting Company.

Consistent with the Agreement for Management, Operations, and Maintenance Services between the District and VWM, VWM will make four \$10,000 contributions (one for each dryer) to the District for this project.

The contract duration is 18 months.

RESOLUTION

Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1169, Jones Island Water Reclamation Facility Dryers 1, 3, 6, 7 Blade Replacements

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to Execute a Purchase Order with Veolia Water Milwaukee, LLC, for Material Capital Repair or Replacement No. 1169, Jones Island Water Reclamation Facility Dryers 1, 3, 6, 7 Blade Replacements, in an amount not to exceed \$473,577.