

COMMISSION FILE NO: 25-022-2 **DATE INTRODUCED:** February 10, 2025

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

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Material Capital Repair or Replacement 1584, Machine Shop Equipment Replacement, Project J06087

SUMMARY:

The Commission is requested to authorize the Executive Director to execute on behalf of the District, a purchase order with Veolia Water Milwaukee, LLC, (VWM) for Material Capital Repair or Replacement 1584, Machine Shop Equipment Replacement, Project J06087, in an amount not to exceed \$323,898.

At the Jones Island Water Reclamation Facility (JIWRF) and the South Shore Water Reclamation Facility (SSWRF), machinists are employed to maintain and repair all pieces of equipment used in the wastewater treatment and conveyance processes. This equipment includes screw and belt conveyors, bucket elevators, centrifugal and progressive cavity pumps, isolation gates, and tanks. When equipment components cannot be repaired or replaced immediately with spare parts, the machinist many times must fabricate or repair parts to keep the equipment in service.

To fabricate or repair equipment or components, the machinists utilize several different types of precision machinery, including a milling machine, lathe, punch press, metal inert gas (MIG) wire welder, and tungsten inert gas (TIG) stick welder. This equipment is used to cut, form, shape and join metals into usable parts and components.

The existing milling machines, lathes, punch press and welders are 50 years old, are worn out, no longer function, and/or lack updated safety protections; therefore, staff recommends replacement. Staff also recommends providing a new portable industrial vacuum to allow thorough and safe cleaning of metal and other debris in the Machine Shop. Finally, some equipment is simply no longer used and can be disposed.

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

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Material Capital Repair or Replacement 1584, Machine Shop Equipment Replacement, Project J06087

VWM competitively bid the work, and Wallner Industrial, LLC, (Wallner) submitted the lowest bid of two bids received. Wallner's bid was responsive and responsible. The purchase order will be issued to VWM, which is responsible for managing and overseeing the contract with Wallner.

Under this purchase order, Wallner will:

- Remove, dispose, and replace with new:
 - Two vertical Bridgeport milling machines.
 - One C-clamp Whitney punch.
 - One lathe.
 - One MIG wire welder.
 - One TIG stick welder.
- Furnish a portable industrial vacuum.
- Remove and dispose:
 - Toyoda grinder.
 - Drill bit sharpener.
 - Keyway seater.

The scope includes equipment installation, startup, and training. All equipment is located at JIWRP, except one of the two Bridgeport milling machines is located at SSWRP.

The duration of this contract is 80 days.

RESOLUTION

Material Capital Repair or Replacement 1584, Machine Shop Equipment Replacement,
Project J06087

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 1584, Machine Shop Equipment Replacement, Project J06087, in an amount not to exceed \$323,898.