

**COMMISSION FILE NO:** 24-101-7 **DATE INTRODUCED:** July 8, 2024

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

**REFERRED BY COMMISSION CHAIRPERSON TO:** Operations Committee

**RELATING TO:** Award of Contract S06038C31, Chlorine Contact Basin Drain Valve Replacements at the South Shore Water Reclamation Facility

**SUMMARY:**

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract S06038C31, Chlorine Contact Basin Drain Valve Replacements at the South Shore Water Reclamation Facility (SSWRF), to Super Excavators, Inc., in the amount of \$925,799. Super Excavators, Inc., was the lowest responsible, responsive bidder among three bids received.

Wastewater contains a very large number of pathogenic organisms, and many of these organisms are not removed in the primary and secondary treatment processes. Disinfection of secondary effluent to kill remaining pathogenic organisms is the final step in the District's wastewater treatment process and is a requirement of the Wisconsin Pollutant Discharge Elimination System permit.

At SSWRF, disinfection occurs in two chlorine contact basins. Each basin has three drain valves that allow the basins to empty. Draining the basins is required for routine cleaning and maintenance, as well as to accommodate future construction work. The drain valves for both basins have failed and require replacement. The drain valves are buried approximately 22 feet deep.

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

*OP\_Award\_S06038C31\_Contact\_Basin\_Drain\_Valves\_legislative\_file.docx*  
06-17-24

**COMMITTEE ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMISSION ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## **SUMMARY (Cont'd)**

Award of Contract S06038C31, Chlorine Contact Basin Drain Valve Replacements  
at the South Shore Water Reclamation Facility

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Under this contract, the contractor will:

- Design and install a ground support system for the excavation.
- Excavate down to the drain valves.
- Install line stops or flow isolation upstream of a common header.
- Remove the existing valves.
- Furnish and install six new valves including new spool pieces and associated piping modifications as necessary.
- Test the valves and piping for leaks.
- Backfill the excavated area and restore the surface.

The contract duration is 210 days.

## **RESOLUTION**

Award of Contract S06038C31, Chlorine Contact Basin Drain Valve Replacements  
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**RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that Contract S06038C31, Chlorine Contact Basin Drain Valve Replacements at the South Shore Water Reclamation Facility, is awarded to Super Excavators, Inc., in the amount of \$925,799 and that the Executive Director is directed to execute a contract on behalf of the District.