

Business Item 2025-119

Metro WRRF Primary & Secondary Rehabilitation & Renewal Phase 1, Contract 24P096



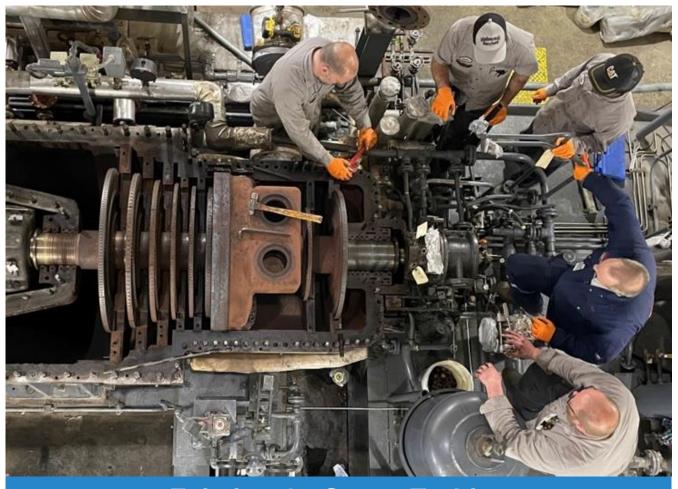
1	0
	5
	5
	(n

METROPOLITAN C O U N C I L

Table of Contents2Project 808927 Summary3Project 808929 Summary4Project 808935 Summary5Solicitation Summary7	
Project 808929 Summary 4 Project 808935 Summary 5	
Project 808935 Summary 5	
•	
Solicitation Summary 7	
Solicitation Summary	
Proposed Action	
Questions	

Tetropolitan Council

Project 808927 Steam System Improvements & Turbine Rehabilitation



Existing G7 Steam Turbine

Scope of Work

- Installs new generator, controls, and steam turbine components (by Siemens Energy under a separate contract with the Council).
- Modifies existing turbine steam piping.
- Installs instrumentation to monitor turbine, boiler feedwater, and steam.
- Installs additional boiler feedwater treatment.
- Installs vibration reduction system on structure.

Rehabilitates steam turbine generator and makes improvements to increase service availability and to extend service life.

Metropolitan Counci

Project 808929 Metro Plant Solids Control Room Improvements





Scope of Work

Upgrades the solids management building (SMB) control room, SMB conference room, SMB offices, and three satellite operator workstations.

Provides ergonomic, performance monitoring, and work environment improvements to operator control areas over 20 years old.

Project 808935 Metro WRRF Primary & Secondary Rehabilitation & Renewal Phase 1



Scope of Work

- Replaces influent sluice gates
- Repairs concrete in the east primaries, south influent channel, and gravity thickeners
- Reclaims pavement to renew roads
- Replaces 8 programmable logic controllers
- Rehabilitates wall tile at the Compressor building

letropolitan Council

Project 808935 Metro WRRF Primary & Secondary Rehabilitation & Renewal Phase 1



Rendering of EPT Addition

Scope of Work – continued

- Improves Scum Systems
 - Constructs an addition to the East Pretreatment (EPT) building to accommodate scum dumpsters
 - Replaces scum pumps and installs new piping and valves
- Rehabilitates roof/heating ventilation air conditioning
 - Compressor building
 - East Primary building

Rehabilitates and renews Metro WRRF aging infrastructure and improves scum handling systems.

Solicitation Summary

- Invitation for Bids Issued January 7, 2025
- Pre-Bid Meeting January 22, 2025
- Two Bids Received April 15, 2025
 - Shank Constructors, Inc. \$44,042,500
 - McGough Construction \$65,109,208
- Metropolitan Council Underutilized Business (MCUB) Goal 14%
 - Office of Equity and Equal Opportunity (OEEO) determined that Shank Constructors, Inc. met the MCUB requirements of this contract.

Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute contract 24P096 with Shank Constructors, Inc for Metro WRRF Primary & Secondary Rehabilitation & Renewal Phase 1 project in an amount not to exceed \$44,042,500.



Rene Heflin

Manager
Plant Engineering
Rene.Heflin@metc.state.mn.us
651-602-1077

Luke Holifield

Senior Engineer
Plant Engineering
<u>Luke.Holifield@metc.state.mn.us</u>
651-602-1362

