

**E** Environment Committee  
**Meeting date: December 14, 2010**

**For the Metropolitan Council Meeting of January 12, 2011**

**ADVISORY INFORMATION**

**Date:** December 6, 2010

**Subject:** Authorization to Award and Execute a Construction Contract for MWWTP Non-condensing Steam Turbine Generator, MCES Project Number 805926, Contract No. 10P255.

**District(s), Member(s):** All

**Policy/Legal Reference:** Council Policy 3-3, Expenditures

**Staff Prepared/Presented:** Bryce Pickart 651-602-1091

**Division/Department:** MCES c/o William G. Moore 651-602-1162

**Proposed Action**

That the Metropolitan Council authorize its Regional Administrator to award and execute a contract for construction of the MWWTP Non-Condensing Steam Turbine Generator, MCES Project No. 805926, Contract No. 10P255, with Corval Constructors, Inc., for their low bid of \$1,788,000.

**Background**

This contract involves the installation of a 750 kW non-condensing steam turbine generator and appurtenant equipment in the Solids Management Building (SMB) of the Metropolitan Wastewater Treatment Plant. A new 34' x 18' x 20' concrete masonry room, with air conditioning and fire protection systems, will be constructed to house the turbine generator. The turbine will utilize the energy released due to steam pressure drop (from 450 psig to 150 psig) to generate electricity. The 150 psig steam will continue to be used for plant heating.

Two bids, \$1,788,000 and \$2,177,100, were received and opened on December 2, 2010. The engineer's estimate is \$1,547,672. Corval Constructors, Inc. is the lowest responsive, responsible bidder.

The project qualifies for a Local Government Renewable Energy Grant of up to \$200,000 from the MN Office of Energy Security and an Xcel Preapproved Rebate of \$150,000.

The project is funded by PFA loan, which has disadvantaged business participation goals of 5% Minority Business Enterprise and 10% Women's Business Enterprise. The Office of Diversity and Equal Opportunity is reviewing the proposed participation for this contract. Their findings will be available at the Committee meeting.

**Rationale**

Construction contract awards exceeding \$1,000,000 require Metropolitan Council authorization.

**Funding**

Funding is provided in the 2010 and 2011 MCES Authorized Capital Program.

Annual or Capital	Project No.	Estimated Project Cost	Current Authorization	Unencumbered Funds	Requested Amount
Capital	805926	\$2,200,000	\$2,300,000	\$2,150,000	\$1,788,000

**Known Support / Opposition**

No known opposition.