

E Environment Committee

Item: 2011-76

For the Metropolitan Council meeting of March 30, 2011

ADVISORY INFORMATION

Date Prepared: March 22, 2011

Subject: Authorization to Award and Execute Contract 10P220 for Construction of 1-MW-413 Interceptor Rehabilitation, MCES Project Number 807000

Proposed Action:

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract for 1-MW-413 Interceptor Rehabilitation, Project No. 807000, Contract No. 10P220, with Michels Corporation for their low bid of \$2,928,999.

Summary of Committee Discussion / Questions:

Council Member Reynoso asked what the life span is for this type of repair. Staff responded that records indicate that cured-in-place rehabilitation should last about 50 years. It is considered a permanent solution.

In response to a question by Council Member Van Eyll, staff said the Council has experience with the companies that bid the project, and they have a good track record.

Council Member Đoàn asked why the problems occurred with this pipe and if this type of thing happens often. Staff explained that this pipe was inherited from the city of North Saint Paul, so the Council had no involvement in its construction. There is evidence that it was built with a number of the defects that have been observed. In this case, poor soils could cause much of the settlement. Underlying soils don't have sufficient strength to support the pipe. In response to further questions by Đoàn staff said that this rehabilitation should resolve the problem. In addition, if the project is delayed, the pipe jointing system would continue to deteriorate, resulting in soil intrusion and damage to streets and other utilities. Council Member Wulff added that the Council has been partnering with communities to keep excess water out of our sewer system. If the Council were to back off and not fix a known problem it would hurt our credibility with the communities that we partner with.

Motion to approve proposed action was made, seconded, and passed unanimously. Placed on Council Consent agenda.



Environment Committee

Business Item: 2011-76

Meeting date: March 22, 2011

For the Metropolitan Council Meeting of March 30, 2011

ADVISORY INFORMATION	
Date:	March 8, 2011
Subject:	Authorization to Award and Execute Contract 10P220 for Construction of 1-MW-413 Interceptor Rehabilitation, MCES Project Number 807000
District(s), Member(s):	District 11, Sandra Rummel
Policy/Legal Reference:	Council Policy 3-3, Expenditures
Staff Prepared/Presented:	Scott Dentz 651-602-4503
Division/Department:	MCES c/o William G. Moore, 602-1162

Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract for 1-MW-413 Interceptor Rehabilitation, Project No. 807000, Contract No. 10P220, with Michels Corporation for their low bid of \$2,928,999.

Background

Inspection of this line has revealed offset joints, groundwater infiltration, reaches where pipe is misaligned and sagged, all of which contribute to the need for rehabilitation. Cured-in-Place Pipe (CIPP) is the proposed method of rehabilitation for the majority of the pipe. Open cut excavation will be necessary to replace approximately 420 lineal feet of pipe where significant pipe deformation has occurred and to make alignment improvements.

A formal Invitation for Bids (IFB) was advertised and issued for the construction contract. Three bids were received on March 3, 2011, ranging from \$2,928,999 to \$3,949,601.67. Michels Corporation submitted the lowest responsive, responsible bid in the amount of \$2,928,999. The low bid was approximately 15% below the engineer's estimate of \$3,437,763.50.

Rationale

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

Funding

Funding is provided in the 2011 MCES Capital Budget, project Number 807000.

BUDGET INFORMATION					
Annual or Capital	Project No.	Estimated Project Cost	Current Auth.	Unencumbered Funds	Requested Amount
Capital	807000	\$3,667,733	\$4,200,000	\$3,909,444	\$2,928,999

Known Support / Opposition

No known opposition.