

# E Environment Committee

Meeting date: April 28, 2009

For the Metropolitan Council Meeting of May 13, 2009

## ADVISORY INFORMATION

<b>Date:</b>	March 27, 2009
<b>Subject:</b>	Authorization to Award and Execute a Construction Contract for the Plymouth Forcemain Rehabilitation, MCES Project Number 804700, Contract No. 08P117
<b>District(s), Member(s):</b>	District 6, Peggy Leppik 763-546-3328; District 7, Annette Meeks 612-341-8168
<b>Policy/Legal Reference:</b>	Council Policy 3-3, Expenditures
<b>Staff Prepared/Presented:</b>	Scott Dentz 651-602-4503 / Bill Moeller 651-602-4504
<b>Division/Department:</b>	MCES c/o William G. Moore 651-602-1162

### Proposed Action/Motion

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract with Michels Corporation for the Plymouth Forcemain Rehabilitation in the amount of \$5,712,328.

### Background

The Plymouth Forcemain is part of the Plymouth Lift Station L29 system and generally follows the TH 55 right-of-way from TH 169 in the City of Plymouth through the City of Golden Valley with discharge into interceptor 1-MN-320 near Interstate I94 in the City of Minneapolis. It carries flow from the cities of Plymouth, Medicine Lake, New Hope, and is carried through Golden Valley to a gravity interceptor in Minneapolis. The Plymouth Forcemain is a dual pipe system comprised of a 30-inch diameter steel pipe constructed in 1970 and a 42/36-inch diameter ductile iron pipe constructed in the late 1980s. The forcemain has been repaired on two occasions to address hydrogen sulfide corrosion damage and a third location was replaced due to construction work along Highway 100. The purpose of this project is to protect the remaining pipe surfaces that are subject to periodic or continuous dewatering, where the pipe surface is exposed to a hydrogen-sulfide rich atmosphere. The rehabilitation method to be utilized is a cured-in-place pipe (CIPP) lining system. A formal Invitation for Bids (IFB) was advertised and issued for the construction contract. Two bids were received on March 25, 2009, ranging in amount from \$5,712,328 to \$6,337,700. Michels Corporation submitted the lowest responsive, responsible bid. There are no goals for minority business or women-owned business participation in this contract.

The low bid is approximately 24% below the Engineer’s estimate of \$7,490,000.

### Rationale

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

### Funding

Funding is provided in the 2009 MCES Capital Budget, Project Number 804700.

## BUDGET INFORMATION

Annual or Capital	Project No.	Estimated Project Cost	Current Auth.	Unencumbered Funds	Requested Amount
Capital	804700	\$7,000,000	\$8,000,000	\$7,600,000	\$5,712,328

### Known Support / Opposition

There is no known opposition.

# Plymouth Forcemain Rehabilitation

## PROJECT 804700

- SITE 1
- SITE 2
- SITE 3

## MCES INTERCEPTORS

- Gravity
- Forcemain
- Siphon
- Community Boundaries
- Railroads

