

**DENVER BOARD OF WATER COMMISSIONERS**

Meeting Date: March 14, 2012

Board Item: V-A-21

**Amendment No. 2 to 2010 Pipe Rehabilitation with Mainlining Services, Inc.  
for the 2012 Pipe Rehabilitation Program  
Contract 12729C**

Action by Consent

Action

Information

*At the October 12, 2011 Board Meeting, Engineering Staff provided an informational item requesting the Board's concurrence to accept the unit price proposal from Mainlining Service, Inc. for the 2012 Pipe Rehabilitation Program. The Board concurred with Engineering's recommendation and advised that the final contract amount be presented to the Board in early 2012 when pricing was established from the final contract documents.*

On February 29, 2012, a unit price proposal was received for the 2012 Pipe Rehabilitation Program from Mainlining Services, Inc. of Elma, New York, who performed the rehabilitation work in 2010 and 2011. Their proposal reflects a 0% increase to the unit pricing from the 2011 Pipe Rehabilitation Program, where we rehabilitated 49,054 feet of mains.

The 2010 Contract to line 35,552 linear feet contained language enabling negotiation of a contract extension for up to two additional years based on satisfactory performance at the discretion of Denver Water. In 2011, Denver Water Engineering negotiated with Mainlining Services, Inc. to reduce their proposed unit price increase of 14.5% down to 6%. This increase was based on the increase of overall difficulty of the proposed 2011 Pipe Rehabilitation work including 22% more work in arterial streets, and 40% more length of larger diameter runs. Denver Water also realized savings by reusing construction information from the 2010 Program, and not having to produce a full bid package for the 2011 Program.

The work generally involves removing the pipelines from service, providing customers temporary service with bypass piping, mechanically cleaning the inside of the pipeline, and applying a thin coat of cement-mortar to prevent corrosion. The new lining significantly extends the life of the pipe and improves the hydraulic capacity, and the water quality.

A negotiated contract to line approximately 50,423 lineal feet of pipe rehabilitation is proposed for 2012, equating to a contract amount of \$3,636,489.50. Design drawings have also been provided for up to 9,741 additional feet of cleaning and lining work above the 50,423 feet amount. The additional work must be approved by Denver Water and will be considered based on production rates and budget availability in mid-2012. The estimated value of the additional work is \$708,986.50 plus additional in-house costs of \$120,000.00 for a total of \$828,986.50.

*The Minority and Women Business Enterprise (MWBE) goal for this project has been established as 5% participation. Mainlining Service, Inc. achieved 6.09% MWBE participation in 2010, 5.87% in 2011, and 5.97% in 2012.*

**Recommendation:**

It is recommended the Board approve Amendment No. 2 to 2010 Pipe Rehabilitation with Mainlining Services, Inc. for the 2012 Pipe Rehabilitation Program - Contract 12729C in the amount of \$3,636,489.50.

**Budget Considerations**

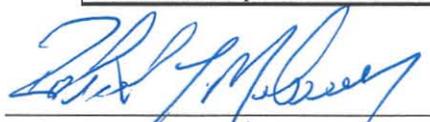
Master Plan Code(s): 2DF0002

Budgeted Item       Unbudgeted Item       Funds transferred from another project:

**Budget Information**

2012 Budget	\$ 4,228,899.00
Amount Requested This Item	\$ 3,636,489.50
YTD Expenditures	\$ 5,767.50
Additional Expenditures Anticipated	\$ 586,642.00
Revised 2012 Estimate	\$ 4,228,899.00
Variance Required	\$ 0.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager