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Request for City Council Committee Action
From the Department of Public Works

Date: May 23, 2002
To: Transportation and Public Works Committee
Referral to: Ways & Means Committee

Subject: Fridley Reservoir Baffle Wall Installation and Joint Replacement

Recommendation: Authorize execution of amendment to contract with TMI Coatings, Inc. increasing the contract by $92,740.00 for early completion bonuses and other adjustments. The original bid price was $691,505.00 under city agreement number 015321. Funds are available under Fund/ Agency/ Org/ Project (7400/ 950/ 9515/ D5298041).

Previous Directives: On April 21, 2000, the City Council authorized the development of the original agreement for this project.

Prepared or Submitted by: Adam J. Kramer, P.E., Director of Water Works, tel. 2418
Approved: David J. Sonnenberg, P. E., City Engineer, Director of Public Works

By: Adam J. Kramer Adam Kramer
Presenters in Committee: David J. Sonnenberg, P. E., City Engineer, Director of Public Works

Financial Impact (Check those that apply)

_X_ No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

___ Action requires an appropriation increase to the Capital Budget
___ Action requires an appropriation increase to the Operating Budget
___ Action provides increased revenue for appropriation increase
___ Action requires use of contingency or reserves
___ Other financial impact (Explain):

___Request provided to the Budget Office when provided to the Committee Coordinator

Community Impact (use any categories that apply)

Neighborhood Notification
City Goals
Comprehensive Plan
Zoning Code
Other

Background/Supporting Information

The Fridley Clear Water Reservoirs were constructed in 1927 (West) and 1952 (East). These two reservoirs hold a total of 32 million gallons of finished water, which has been treated by both the Fridley Softening Plant and the Fridley Filtration Plant. Water from the reservoirs flows directly to Pump Station No. 5, which pumps the water directly into the City Water Distribution system.

The reservoirs are concrete structures, buried under soil and grass turf on the main Water Works compound.

The first part of overall project included removal and replacement of the expansion joint material in the original concrete joints, due to the old age of the existing joint material. The second part of the project included the installation of baffle curtains. These curtains cause the water flow inside the reservoir to be held for a proper amount of time to improve the effect of disinfectants used in the water treatment process.

Change Order Issues:

1. The original contract included a bonus / penalty clause for completion of the West Reservoir work, with a maximum bonus of $50,000 for the earliest completion. The actual date of completion allowed the contractor to earn a bonus of $43,500.

2. The original contract included a bonus / penalty clause for completion of the East Reservoir work, with a maximum bonus of $10,000 for the earliest completion. The actual date of completion allowed the contractor to earn a bonus of $10,000.

3. The original contract identified that the work in the West Reservoir would be done in the Spring of 2000 and that the work in the East Reservoir would be done in the Spring of 2001. The work in East Reservoir was delayed until 2002. The contractor documented the cost of this delay, based on changes in material costs and prevailing wage rates, to be $21,590.

4. The original contract identified the length of joint repair in the East Reservoir to be 1,545 lineal feet. When the water was drained from reservoir, the actual length of the joints was found to be 2,600 feet. The adjustment for the extra length is $15,150 using the same unit price as used for the rest of the work.

5. Due to a leaking roof joint on the east reservoir, TMI was required to mobilize a second time after the leaks were repaired, and pay for a second rental of lifting equipment. The cost for this remobilization is $2,500.

Total Change Order amount is $92,740.