



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

Date: November 26, 2002
To: Transportation and Public Works Committee
Referral to: Ways & Means Committee

Subject: Minneapolis Water Works (MWW) Computerized Maintenance Management System (CMMS)

Recommendation: To authorize execution of an extension of the existing contract with Camp, Dresser, and McKee (CDM), Inc. The extension would be for Supplemental Consulting Services with the implementation of the CMMS. These supplemental services would be an increase in project scope including integration of the CMMS with FISCOL, and the cost for as needed additional services would be NTE \$50,000 over a 2-year period. The original Contract number 017357 was in the amount of \$250,000, and was for consulting services for the implementation of a Pilot CMMS. The requested additional funds would be used to ensure MWW system-wide integration of a CMMS. Funds are available under Fund/ Agency/ Org/Object (7400/690/6950/5070).

Previous Directives: On March 23, 2001, the City Council authorized the execution of Contract number 017357 with CDM, Inc., for assisting the MWW with the Pilot Implementation of a CMMS.

Prepared or Submitted by: Adam J. Kramer, P.E., and Director of Water Works
Approved: Brian Lokkesmoe, P. E., Interim City Engineer

By: Adam J. Kramer _____
Presenters in Committee: Brian Lokkesmoe, P. E., Interim City Engineer

Financial Impact (Check those that apply)

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)

Background/Supporting Information

As part of the ongoing Minneapolis Water Works (MWW) Change Management effort, the MWW has sought to implement a Computerized Maintenance Management System (CMMS).

The Purpose of a CMMS is to shift maintenance practices from predominantly Corrective/Emergency Maintenance to Planned/Preventive Maintenance. During this process, effort is made to integrate the system with the MWW inventory management system. Also, as part of this process, inventories and hierarchies are being developed for each MWW complex, facility, and most of the major pieces of equipment. Preventive Maintenance (PM) Job Plans are being developed and will be recorded in an effort to capture some of the institutional knowledge that is fast being lost due to the high rate of attrition with MWW's trades personnel.

CDM would be providing these (as needed) supplemental consulting services:

1. Assist with CMMS Implementation for all MWW facilities (beyond the Pilot Areas)
2. Assist with the on-going development of the PM Job Plans
3. Assist with establishing a Planning/Scheduling Function
4. Guide the Data Collection/Data Entry Effort
5. Guide/Assist with Efforts to Expand Functionality of the Maximo Program
6. Coordinate/Provide additional Training for Maximo Users
7. Coordinate/Provide additional Training and Configuration Services
8. Aid with Integration of the Maximo Inventory Module and FISCOL
9. Aid with the Integration of the Drawing Management System