



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

**Date:** September 22, 2009  
**To:** Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee  
**Subject:** Increase HDR Engineering Budget for Dewatering Plant Improvements

**Recommendation:**

Authorize the proper City officials to increase the scope of services with HDR engineering, Inc. by \$470,000 for engineering services for the Dewatering Plant Improvements project, to a total of \$2,470,000. The amount is within the project budget (07400-9010950-Project CWTR22) and no additional appropriation is required.

**Previous Directives:**

- August 28, 2009: City Council accepted \$2 million of "principal forgiveness" funds from the American Recovery and Reinvestment Act of 2009 (ARRA), and a series of recommendations to approve the appropriation for and funding of the project.
- August 28, 2009: City Council accepted the low bid of Graham Construction Services, Inc for an estimated expenditure of \$19,220,000 for construction of the dewatering plant improvements.
- March 27, 2009: City Council authorized negotiation and execution of an agreement with a consultant from the Public Works Consulting Pool for engineering design and construction supervision of the Dewatering Plant Improvements Project at the Minneapolis Water Works Facility for an approximate amount of \$2,000,000.

**Prepared by:** Dale A. Folen, P.E., Senior Professional Engineer, Public Works – Water x4908

**Approved by:**

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Steven A. Kotke, P.E., City Engineer, Director of Public Works

**Presenters:** Shahin Rezaia, Director of Water Treatment and Distribution Services

**Reviews**

Permanent Review Committee (PRC):	Approval	___	Date	_____
Civil Rights Approval	Approval	___	Date	_____
Policy Review Group (PRG):	Approval	___	Date	_____

**Financial Impact**

No financial impact

## **Background/Supporting Information**

In early March of 2009 the City became aware of potential grant funding for our Dewatering improvements project within the American Reinvestment and Recovery Act (ARRA) of 2009. To meet the aggressive timelines of this act we drafted an RFP in 7 days and issued it for review by our pool consultants. They reviewed and estimated the cost of all work for the design and construction effort in seven days. On March 27<sup>th</sup> 2009 The City entered an agreement with a consultant pool team of HDR/HRG to provide design and engineering services for the Dewatering Plant Improvements project. Our team was successful in meeting the required timelines and facilitating the City's capture of \$2,000,000 in ARRA "principal forgiveness" (grant) funding.

Throughout the design effort, we found issues to be addressed that fell outside of the original requested scope and/or added value to the project. They include multiple iterations of the building footprint to enhance operation efficiencies while avoiding and accommodating existing infrastructure, structural design enhancements to address unusual geotechnical conditions, and final piping interconnections to existing facilities being more complex than anticipated. The existing facility underwent code compliance review and is being upgraded. The design team also developed several bid deducts as opportunities to facilitate budget constraints if we had not received any additional grant funding.

City staff has reviewed the cost modifications and agree that they are reasonable, prudent and justified.

CC: Pamela Fernandez, Contract Management