



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

Date: December 16, 2008
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Subject: **Amendment # 1 to Contract # C-22605 for Electrical and Control Engineering Services.**

Recommendation:

Authorize appropriate City Officials to amend contract with Sebesta Blomberg (# C-22605), increasing maximum billing amount from \$164,070.00 to \$216,732.00, and extending the contract duration from 12/31/2008 to 12/31/2009. Funds are available in Fund 07400, Department 9010000, Project CWTR15. No additional appropriation is needed.

Previous Directives:

City Council Approval of Contract # C-22605 on November 4, 2005.

Prepared by: Peter Pfister, PE, Professional Engineer (4906)

Approved by:

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

Presenters: Shahin Rezania, PE, Director, Water Treatment & Distribution Services

Reviews

Permanent Review Committee (PRC):	Approval	NA	Date
Civil Rights Affirmative Action Plan	Approval	NA	Date
Policy Review Group (PRG):	Approval	NA	Date

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
- Business Plan: Action is within the plan. Action requires a change to plan.
- Other financial impact (Explain):
- Request provided to department's Finance Dept. contact when provided to the Committee Coordinator

Community Impact

- Neighborhood Notification: Not Applicable
- City Goals: Not Applicable
- Comprehensive Plan: Not Applicable
- Zoning Code: Not Applicable

Background/Supporting Information

The Proposed Amendment No. 1 pertains to the Engineering Services Agreement (C-22605) dated December 13, 2005 for the Renovation of Pump Station No. 4 Project. The following tasks were changed, resulting in additional engineering fees and the need for an extension of the contract time.

1. Electrical System Redesign and Additional Project Coordination Effort

This item covers additional design services related to substantial changes in the project design and scope that occurred subsequent to the execution of the original agreement for engineering services. During the course of the project design phase for the Renovation of Minneapolis Water Works Pump Station # 4, three major design changes were made. The first change arose out of the evaluation of alternative pumping strategies in lieu of providing variable frequency drives as a means of flow control. The result of this discussion was the elimination of variable frequency drives from the design and adding control valves. The second and third changes involved the postponement of improvements to the suction-side piping and the elimination of the underground vault containing the discharge piping.

The above-described project design and scope changes reduced the total project cost and necessitated redesigns of the electrical and controls systems and preparation of additional contractor documents (design effort substantially in addition to that of the original scope). In addition, the changes involved additional time and effort on the part of the Consultant in terms of meeting with and coordinating its design (and subsequent redesign) with that of the City and the various other consultants working on the larger project. The upper limit of the engineering fee will be increased by \$52,662.00 for additional design services.

2. Extended Design and Construction Schedule

The above-described design changes and the resulting delay of the project's bidding and construction start results in the inability of the consultant to provide engineering oversight and shop drawing review in the time frame set forth by the contract. In addition, the anticipated cost to the consultant to provide its services will increase due to the project being delayed by two years from the expected completion dated of December 2007.

Therefore, the services of the consultant under the master agreement will be extended for one (1) year from December 31, 2008 to December 31, 2009.