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

Date: October 25, 2005
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Barbara Johnson, Chair Ways & Means/Budget Committee

Subject: RFP for the consulting services to built a new chemical storage building

Recommendation:
Authorize distribution of a Request For Proposals for consulting services to perform: a) pre-design, b) design, c) development of contract documents, d) construction, e) inspection, f) start-up and g) operations of a new chemical storage building. Funds are available within the existing project budget (Water 7400/950).

Previous Directives:
- No Previous Directives.

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Approved by:

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Klara A. Fabry, P.E., City Engineer, Director of Public Works
Presenter: Shahin Rezania, P.E., Interim Director, Water Treatment and Distribution Services

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

Background/Supporting Information:

The City of Minneapolis Department of Public Works is soliciting proposals for engineering and architectural services for pre-design, design and development of contract documents, construction, inspection, start-up and operations of a new Chlorine Storage and Feed System Facility (CSFSF) to replace its existing rail car system to feed chlorine to the Fridley Filtration Plant (FFP) and the future Fridley Membrane Filtration Plant (FMFP).

At the present time the FFP uses chlorine for disinfection for providing safe drinking water. Chlorine is delivered and stored in 90 or 55 ton rail cars. Due to concerns with the vulnerability of the bulk rail car chlorine system and the age of the existing chlorine feed system, Public Works has investigated alternatives to the existing rail car chlorine storage and feed system. A consultant was hired by the City to conduct a detailed study of its existing Fridley chlorine system, present options for improving the existing system in the short term, and present options for future replacement of the rail car system.

Per the consultant's recommendations, Public Works has decided to use a one-ton cylinder arrangement configured for liquid chlorine draw off system. The Facility shall be designed and constructed to maintain a maximum dose of 7mg/L to a flow of 95 mgd and will meet all applicable codes and best practice guidelines such as those issued by the Chlorine Institute and other pertinent chlorine feed system rules and regulations.

Current Request

Public Works is soliciting proposals for engineering services for specialized support services for pre-design, design and development of contract documents, construction, inspection, start-up and operations of a new CSFSF.

This will follow the normal City review process, including review by the Permanent Review Committee.