Business Item
Item: 2012-20

E Environment Committee

Meeting date: January 10, 2012,

For the Council Meeting of January 25, 2012

ADVISORY INFORMATION	
Date:	December 15, 2011
Subject:	Authorization for Sole Source Procurement from Barr Engineering Company for Update of the Twin Cities Metropolitan Area Regional Groundwater Flow Model
District(s), Member(s):	All
Policy/Legal Reference:	Council Policy 3-4-3 Expenditures – Procurement of Goods and Services over $250,000
Staff Prepared/Presented:	Keith Buttleman 651-602-1015
Division/Department:	MCES, William G. Moore 651-602-1162

Proposed Action

That the Metropolitan Council authorize its Regional Administrator to procure an update of the Twin Cities Metropolitan Area Regional Groundwater Flow Model (Metro Model 2) on a sole source basis from Barr Engineering Company. This is for an amount not to exceed $314,570 over a five-year period.

Background

This project will provide an updated Twin Cities Metropolitan Groundwater Flow Model (Metro Model 2). The update will include incorporating new information into the Metro Model 2, expanding its extent, adding the capability to run transient simulations, and establishing a process to regularly incorporate new data and planning information into the model.

Rationale

After an exhaustive search for potential sources for this service, including a formally advertised Request for Proposals (RFP), only one company submitted a proposal.

Barr Engineering Company (Barr) has the expertise needed to provide this service, and their proposal meets the project objectives outlined in the RFP. Barr is a recognized local expert in the field of groundwater modeling. Highlights of their relevant groundwater-modeling experience include the original Metro Model 2, modeling for Woodbury-Afton groundwater protection, modeling for Savage Fen-Eagle Creek-Boiling Springs investigation, and modeling for over 20 wellhead protection plans in the Twin Cities metro area.

Barr's proposal addresses all of the RFP objectives of incorporating additional and updated data, implementing transient simulations, calibration and uncertainty analysis, and improving ease of model use.

Funding

Funding is included in the operational budget.

Known Support / Opposition

None.