

E Environment Committee
Meeting date: May 10, 2011

For the Metropolitan Council Meeting of May 25, 2011

ADVISORY INFORMATION

Date: May 3, 2011
Subject: Authorization to Negotiate and Execute an Engineering Services Agreement for MCES Solids Processing Improvements Projects, MCES Project No. 805989, 806210, 800509, Contract No. 11P038
District(s), Member(s): All
Policy/Legal Reference: MN Statutes 473.504 Subd. 6 and 471.59
Staff Prepared/Presented: William (Bill) Cook, 651-602-1811
Division/Department: MCES c/o William G. Moore 651-602-1162

Proposed Action

The Metropolitan Council authorizes its Regional Administrator to negotiate and execute an Engineering Services Agreement in the amount of \$5,500,000 with Brown and Caldwell (B&C) for MCES Solids Processing Improvements Projects, MCES Project No. 805900, 806210 and 800509, Contract No. 11P038.

Background

The MCES generates solids at all seven of its wastewater treatment plants. The Empire Plant, Metro Plant and Seneca Plant all have significant solids processing challenges in the future. The Metro Plant currently operates 3 fluidized bed incinerators that process approximately 245 dtpd of solids. The firm capacity of the processing system needs to be increased to deal with increased solids production.

The Seneca WWTP currently operates two multiple hearth furnace incinerators that process about 30 dtpd of solids. New air pollution regulations may require improvements to those facilities. These facilities are also scheduled for rehabilitation/replacement by approximately 2020.

The Empire WWTP currently operates five anaerobic digesters and a land application system that processes about 15 dtpd of solids. The facility currently operates near capacity and is scheduled for digester expansion in the near future.

This work includes the planning, design and construction services for the near term capacity increase in the Metro WWTP solids processing facility. The work also includes planning for the long term Metro WWTP solids processing facility, planning for the Empire WWTP capacity improvements and planning for the Seneca WWTP improvements.

An RFP was issued on 03/07/2011 to provide these services. Four proposals were received on 04/5/2011. The evaluation panel met and ranked the proposals based on the evaluation criteria established in the RFP. Those criteria were Service Delivery Plan, Qualifications, Quality and Price.

Two of the proposals were short listed based on sharp differences in the ranking of the criteria of each of the proposal. The proposals of the two highest qualified were compared with each other based on the criteria. Of those two proposals, the highest ranked proposal was from B&C. While their proposal was approximately 3.5% higher in cost than the second ranked proposal, the level of experience offered was much higher

as the staff experience offered included 100% of the staff with experience in these types of projects whereas, the second ranked proposal offered less than 70% of their staff with comparable experience.

The evaluation committee ranked the B&C proposal as the most advantageous to the Council and recommends award to them.

Rationale

Engineering Service Agreements exceeding \$250,000 require Metropolitan Council authorization.

Funding

Funding for the project is provided in the 2011 Authorized Capital Program as follows:

Project 805989 Metro Plant Solids Optimization	\$2,000,000
Project 806210 Metro Plant Solids Improvements	\$3,000,000
Project 800509 Regional Plants Solids Improvements	<u>\$ 500,000</u>
Total:	\$5,500,000

Known Support / Opposition

There is no known opposition.