

Committee Report

Environment Committee



Committee Meeting Date: April 26, 2022

For the Metropolitan Council: May 25, 2022

Business Item: 2022-111

Master Contracts for Arc Flash Electrical Engineering and Electrical Inspection Services, Contract 21P204

Proposed Action

That the Metropolitan Council authorizes its Regional Administrator to negotiate and execute Contracts 21P204A and 21P204B with Stantec Consulting Services Inc. and TKDA, for arc flash electrical engineering and electrical construction inspections in the amounts of \$575,000 each, for a total not to exceed value of \$1,150,000.

Summary of Environment Committee Discussion/Questions

Committee Member Zeran asked who will conduct arc flash risk assessments and who is providing the construction inspections. Staff clarified that arc flash risk assessments and recommendations for arc flash mitigation will be completed by a professional electrical engineer registered in the state of Minnesota. Electrical construction inspection services will be completed by a Minnesota licensed class A master electrician.

Committee Member Zeran inquired if both contractors are doing both portions of the work and if the work is divided based on a particular system. Staff stated both Stantec and TKDA will be performing both scopes of work: Arc Flash electrical engineering and electrical construction inspection services. One contractor will focus work at the Metropolitan Wastewater Treatment Plant and the other at all the other Wastewater Treatment plants.

Committee Member Zeran asked if there is a program to turn off the power to forego arc flash hazard. Staff stated most arc flash work is being completed for processes needed to support continuous operations. Power will be turned off where treatment processes will not be negatively impacted.

Committee Member Zeran asked about permitting. Staff confirmed we require appropriate permits on all projects.

Committee Member Sterner inquired what the reasoning was for choosing two vendors. The two proposers selected provided the best overall proposals based on the evaluation criteria of quality, qualifications, and experience.

Chair Lindstrom asked if doing the hazard analysis and inspections is helping us provide the safest workplace. Staff stated we have been providing arc flash analysis for several years and this is a continuation of that program. We have many ongoing construction projects throughout the Wastewater Treatment plant system and there is a need to continue electrical construction inspection for this work. The arc flash program and construction inspections increase safety in the workplace.

Motion by Zeran, seconded by Wulff. Motion carried.

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District(s), Member(s):	All
Policy/Legal Reference:	FM 14-2 - Expenditures for the Procurement of Goods, Services, and Real Estate Policy
Staff Prepared/Presented:	Tim Amstutz, Assistant Manager, 651-602-1221
Division/Department:	MCES c/o Leisa Thompson, 651-602-8101

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Background

These master contracts will provide for arc flash hazard electrical engineering analysis for new and existing low, medium, and high voltage systems; and for electrician services to inspect and evaluate electrical construction work for MCES capital construction projects.

The Request for Proposals was issued on September 28, 2021. Procurement facilitated a public pre-proposal meeting on October 12, 2021. There were twenty registered plan holders, nineteen consultants, one plan room, and two plan holders identified as minority, woman, small or disadvantaged business enterprises. The Council received six proposals on October 28, 2021, to be evaluated for the consideration of award.

The proposals were evaluated by MCES staff members and an external stakeholder. The evaluation process included an independent reading and evaluation of the proposals by each panel member followed by meetings of the group to discuss its findings. The Evaluation Panel discussed and debated the merits of the six proposals and reached consensus that the proposals submitted by Stantec Consulting Services Inc. and TKDA provide the best overall value to the Council.

Rationale

Architecture and engineering contracts with a total value of \$500,000 or more require Metropolitan Council approval.

Thrive Lens Analysis

This action advances the Thrive Outcomes of Stewardship and Sustainability. Public financial resources will be responsibly invested to support orderly economic development while maintaining the regional wastewater system assets, which protect the region's natural resources.

Funding

Funding is provided in the 2022 Authorized Capital Program.

Small Business Inclusion

The Office of Equal Opportunity (OEO) set a Metropolitan Council Underutilized Businesses (MCUB) goal of seven percent (7%). OEO determined that all firms being recommended for award have met the MCUB requirements of this contract.

