

**Metropolitan Domestic Water Improvement District
Board of Directors Meeting**

January 10, 2022

**Authorizing the Use of Miscellaneous Survey and Mapping Services
for the Creeger Mainline Replacement**

Synopsis

The Board of Directors is requested to authorize utilizing Rick Engineering Company (Rick Engineering) to perform professional surveying services under the Professional Services Agreement for Miscellaneous Survey and Mapping. Work will include providing culture and aerial survey and mapping, as well as research of available public records to confirm existing utility easements.

Background

The Creeger Mainline Replacement project includes the future replacement of aged and undersized waterlines that have been subject to repeated failure. There is no current schedule for construction, though completion of design for all three phases was planned to occur in Fiscal Year 2022 per the District's 5-year Capital Improvement Program (CIP). The project is located in the Metro Southwest – E&T service area.

Once constructed, waterlines that currently exist in easements would be abandoned and services would be placed in the right of way. District staff researched available records and have been unable to verify all of the easements within Metro Southwest – E&T. A portion of the proposed survey services will verify the existence of easements within the Creeger Mainline Replacement project area that staff have been unable to locate.

Issues

On May 10, 2021, the Board of Directors approved the Fiscal Year 2022 budget, which included the CIP expenditure of \$76,500 for design tasks related to the Creeger Mainline Replacement. At that same meeting, the Board of Directors authorized shifting \$50,251 from the Creeger Mainline Replacement to the Phase I Avra Valley Recharge Project Improvements, leaving \$26,249 available for the Creeger Mainline Replacement project.

Rick Engineering provided a proposal for \$31,200, which is \$4,951 more than the reduced CIP budget for Creeger Mainline Replacement. The proposal includes a 20% allowance that is not anticipated to be expended and a portion of the title searches will be accomplished by District staff with the goal to not expend more than the \$26,249 available for this project.

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Staff Recommendation

Staff recommends the Board of Directors authorize utilizing the Professional Services Agreement for Miscellaneous Survey and Mapping with Rick Engineering to complete survey and mapping services for the Creeger Mainline Replacement in a not to exceed amount of \$31,200. Because the consultant included contingency in their proposal, no additional General Manager authority is requested.

Suggested Motion

I move to authorize utilizing the Professional Services Agreement for Miscellaneous Survey and Mapping with Rick Engineering Company to complete survey and mapping services for the Creeger Mainline Replacement in a not to exceed amount of \$31,200.

Respectfully submitted,

Sheila M. Bowen, P.E.
District Engineer

I concur with the above recommendation.

Respectfully submitted,

Joseph Olsen, P.E.
General Manager