

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

June 11, 2019

**Approval of the Professional Hydrogeological Services for the
Northwest Recharge, Recovery, and Delivery System (NWRRDS)
Exploration and Production Well Drilling**

Synopsis

The Board of Directors is requested to authorize Clear Creek Associates, LLC (Clear Creek) to perform professional hydrogeological services for the Northwest Recharge, Recovery, and Delivery System (NWRRDS) Exploration and Production Well Drilling under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services.

Background

The District uses the Miscellaneous Water Resources Consulting Services contract to assist staff in solving water resources supply, planning or management problems in a timely manner. Development of the NWRRDS source well field includes exploration drilling and testing to verify the viability of the location and drilling, construction, and testing of three recovery, production wells. In order to complete this portion of the NWRRDS and meet project schedule, assistance of the on-call water resources consultant is required.

In June 2019, the Partners executed Memorandum of Agreement (MOA) 19006 to authorize the District, as Operating Agent, to move the hydrogeological portions of the Program Support Services to the District's Miscellaneous Water Resources Consulting Services contract to improve efficiency and reduce program costs.

Issues

Completion of NWRRDS is segregated into several "packages." Package 1 includes exploratory drilling, testing, and recovery well design; and Package 2 includes recovery, production well drilling, installation, testing, and reporting. Clear Creek, the District's on-call water resources consultant, provided scopes for assistance with each of these packages.

The estimated expenditure for Hydrogeological Program Support Services by Clear Creek is shown in the following table:

Package	Item	Cost
1	Hydrogeological Program Support for Package 1 (drilling, and testing exploratory boreholes and test wells) performed by Clear Creek	\$124,487
2	Hydrogeological Program Support for Package 2 (contracting, drilling, and testing recovery wells) performed by Clear Creek	\$213,326
	Total =	\$337,813

Funding for this project is contained in the Fiscal Year 2020 budget within the Capital Improvement Program.

Staff Recommendation

Staff recommends the Board of Directors approve using Clear Creek Associates, under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services, to perform hydrogeological program support for the NWRDRS Packages 1 and 2 for the combined not-to-exceed amount of \$337,813.

Suggested Motion

I move to approve using Clear Creek Associates, under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services, LLC, to perform hydrogeological program support for the Northwest Recharge, Recovery, and Delivery System Packages 1 and 2 for the combined not-to-exceed amount of \$337,813.

Respectfully submitted,

Wally Wilson
Water Resources Manager

I concur with the above recommendation.

Respectfully submitted,

Joseph Olsen, P.E.
General Manager