

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

July 8, 2024

**Authorizing the General Manager to Execute an Agreement
for the Ironwood Well Electrical and Security Design**

Synopsis

The Board of Directors is requested to authorize the General Manager to execute an agreement for the Ironwood Well Electrical and Security design work to the District's Miscellaneous Design Consultant, Carollo Engineers, Inc. in the amount of \$31,688.

Background

The Northwest Recharge, Recovery and Delivery System (NWRRDS) will recover Central Arizona Project (CAP) water that has been recharged at recharge facilities in Avra Valley and transport the recovered water through the NWRRDS system to a shared forebay reservoir. Water will be moved from the forebay reservoir to the District through an independent booster station and transmission main.

In December 2019, the Board authorized a blend study to evaluate opportunities to maximize the annual quantity of recovered CAP water through NWRRDS while maintaining water hardness targets. The study concluded a well located in the vicinity of the Ironwood school would enable the District to achieve those objectives.

On November 14, 2022, the Board awarded the construction contract for drilling the Ironwood Well, which has been completed. The final design report for the well drilling was received May 20, 2024.

On November 14, 2022, the Board adopted Resolution 2022-14, authorizing the General Manager and Chief Financial Officer to incur debt through the execution of a Water Infrastructure Finance Authority of Arizona (WIFA) loan agreement for construction of the Ironwood Blend Well and Collector Pipeline.

Funding for this project is included in the adopted budget.

Issues

Construction on the collector pipeline portion for the Ironwood Blend Well is ongoing. Staff have completed the preliminary design for the site and civil infrastructure for the equipping phase of the

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Ironwood Blend Well. In order to complete the electrical and security design, staff requested a schedule and cost proposal from its Miscellaneous Design Consultant Carollo.

Recommendation

It is recommended that the Board of Directors authorize the General Manager to execute an agreement with Carollo Engineers, Inc. to perform electrical and security design services for the Ironwood Blend Well in the amount of \$31,688.

It is also recommended that the General Manager be granted authority to allocate additional funding in a cumulative amount not to exceed \$5,000. Any changes in excess of the above limits will be submitted to the Board of Directors for consideration of approval.

Suggested Motion

I move to authorize the General Manager to execute an agreement with Carollo Engineers, Inc., to perform electrical and security design services for the Ironwood Blend Well, in an amount not to exceed \$31,688, and to grant the General Manager authority to allocate additional funding in a cumulative amount not to exceed \$5,000.

Respectfully submitted,

Sheila M. Bowen, P.E.
District Engineer

I concur with the above-noted recommendation.

Respectfully submitted,

Joseph Olsen, P.E.
General Manager