

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

**November 8, 2021**

**Approval of an Intergovernmental Agreement with the Town of Marana  
and the Town of Oro Valley for the Northwest Recharge, Recovery, and Delivery System  
Additional Partnered Water Facility Construction**

**Synopsis**

The Board of Directors is requested to approve an Intergovernmental Agreement (IGA) with the Town of Marana (Marana) and the Town of Oro Valley (Oro Valley) to enable a coordinated construction effort for the independent booster stations and a portion of each entity's independent transmission mains.

**Background**

The Northwest Recharge, Recovery, and Delivery System (NWRRDS) will recover Central Arizona Project (CAP) water that has been recharged at 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, Marana, and Oro Valley service areas through independent booster stations and transmission mains.

The independent booster stations will be located on District-owned property and a portion of each entity's independent transmission main will be collocated in easements obtained by the District.

Over the past several months, the District worked with Marana and Oro Valley on the development of an IGA to facilitate construction of the independent booster stations and the collocated portions of the independent transmission mains via a single contract. A coordinated approach to construction has multiple benefits including, but not limited to, minimizing the number of contractors working in the same vicinity, ensuring the District, Marana, and Oro Valley, obtain competitive bids, and reducing costs associated with procurement, construction management, and inspection services. The IGA proposes that Oro Valley lead this coordinated construction effort and includes estimated costs to provide procurement, construction management, and inspection services.

**Issues**

Construction of the partnered portion of NWRRDS is anticipated to begin in April 2022. Likewise, the construction of the three independent booster stations and associated waterlines are anticipated to begin in April 2022. Having up to four separate contractors working on the forebay site at the same time would not be advisable due to space limitations and other factors. Similarly, portions of the three independent waterlines are collocated within easements obtained by the District. It would

not be possible for three separate contractors to work simultaneously within easements of 40- and 50-foot widths.

Having a minimum of four separate contracts out for bid at the same time may have the impact of increasing costs due to limitations in available contractors and/or staff.

Administering three separate contracts would increase costs for each of the entities. As part of the development of the IGA, Oro Valley developed a cost estimate to administer the construction contract and to perform inspection and related services for the coordinated effort. Oro Valley also solicited a cost proposal from their as-needed consultant to perform the same duties. Oro Valley's costs are estimated at \$198,604.68 for the anticipated 15-month construction schedule while the consultant cost to provide the same services is \$505,100. The District's share is estimated at \$65,539.54.

### **Recommendation**

It is recommended that the Board of Directors approve the IGA with the Town of Marana and the Town of Oro Valley for the Northwest Recharge, Recovery, and Delivery System Additional Partnered Water Facility Construction. It is also recommended to authorize the General Manager to execute a contract with the Town of Oro Valley for construction management services in the amount of \$65,539.54 and to authorize the General Manager to allocate additional funding in the amount of \$10,000.00 to cover any unforeseen costs.

### **Suggested Motion**

I move to approve the Intergovernmental Agreement with the Town of Marana and the Town of Oro Valley for the Northwest Recharge, Recovery, and Delivery System Additional Partnered Water Facility Construction, to authorize the General Manager to execute a contract with the Town of Oro Valley for construction management services in the amount of \$65,539.54, and to authorize the General Manager to allocate additional funding in the amount of \$10,000.00 to cover any unforeseen costs.

Respectfully submitted,

Sheila M. Bowen, P.E.  
District Engineer

I concur with the above-noted recommendation.  
Respectfully submitted,

Joseph Olsen, P.E.  
General Manager