



# Monterey County

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## Board Report

Legistar File Number: WRAA 16-021

October 04, 2016

**Introduced:** 9/20/2016

**Current Status:** Agenda Ready

**Version:** 1

**Matter Type:** WR Agreement

Approve a Professional Services Agreement with Towill, Inc., in the amount not to exceed 120,113 to provide survey mapping services for the Interlake Tunnel and San Antonio Reservoir Spillway Modification Projects, for the period beginning upon execution of the Agreement through June 30, 2017; and, authorize the General Manager to execute the Agreement.

### **RECOMMENDATION:**

It is recommended that the Monterey County Water Resources Agency Board of Supervisors:

Approve a Professional Services Agreement with Towill, Inc., in the amount not to exceed 120,113 to provide survey mapping services for the Interlake Tunnel and San Antonio Reservoir Spillway Modification Projects, for the period beginning upon execution of the Agreement through June 30, 2017; and, authorize the General Manager to execute the Agreement.

### **SUMMARY/DISCUSSION:**

The Monterey County Water Resources Agency (Agency) is currently in the process of getting environmental clearance and preparing for the engineer work needed for the construction of the Interlake Tunnel and the Spillway Modification Projects (Projects). The Projects are a tunnel conveying water from the Nacimiento Reservoir to the San Antonio Reservoir and the modification of the spillway at San Antonio Reservoir to create an increase of storage in the San Antonio Reservoir by raising the normal maximum water level by ten feet.

Topographic maps are needed to support the current environmental clearance and future engineering work for the Projects. To obtain this topographic information, a Request for Proposals was issued by the Agency with proposals due on July 14, 2016. Agency staff received and reviewed eight proposals submitted. Towill, Inc. was selected based on their proposed detailed approach to deliver topographic data with experienced and skilled staff, a record of successful completion of similar projects, and a cost proposal under the budget allocated for this task.

The mapping data to be collected in this project includes four general areas:

1. Interlake Tunnel: The tunnel alignment between Nacimiento and San Antonio reservoirs extending a distance of at least 2,500 feet perpendicular to either side of the tunnel alignment, tunnel portal construction areas, disposal areas, and access roadways generally contained in the tunnel alignment region.
2. San Antonio Reservoir. The topographic mapping of the reservoir spanning the vertical elevation range from the reservoir elevation at the time of data collection to elevation 812 ft.
3. San Antonio River Corridor. The survey mapping along the San Antonio River corridor below the dam to the confluence of the Salinas River will support analyses of inundation downstream of the dam.

4. Nacimiento River Corridor. The survey mapping along the Nacimiento River corridor below the dam to the confluence of the Salinas River will support analyses of inundation downstream of the dam.

The main products to be delivered under this agreement are planimetric mapping, one-foot topographic contours, digital elevation models, and six-inch color orthophotos.

**OTHER AGENCY INVOLVEMENT:**

The Monterey County Contracts/Purchasing Division facilitated the Request for Proposals solicitation process. The Monterey County Water Resources Agency Board of Directors approved this Agreement on September 19, 2016.

**FINANCING:**

Funds for these services to the Agency have been identified in the FY 2016-2017 (Fund 116, reimbursed by Monterey County). The funds are part of the Second Amendment of the Third Funding Agreement between the Monterey County Water Resources Agency and Monterey County for the Interlake Tunnel Project, and are within the \$3.0 million approved by the Monterey County Water Resources Agency Board of Supervisors.

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Approved by: \_\_\_\_\_  
David E. Chardavoyne, General Manager, (831) 755-4860

Attachments:

1. Draft Agreement with Towill
2. MCWRA Executed Board Order