



COUNCIL AGENDA MEMO

MEETING DATE/TYPE: **VOTING MEETING** **1-24-17**

DEPARTMENT: **Water Resources**

AGENDA ITEM: Adoption of Resolution No. 4372-1581, approving Amendment No. 2 to the Joint Funding Agreement with the United States Geological Survey (USGS), for data collection within the Big Chino Sub-Basin (City Contract No. 2014-160A2)

FUNDING SOURCE: Water Fund

Approved By: Michael Lamar, City Manager

Item Summary

On September 19, 2012, Council approved Comprehensive Agreement No. 1 (CA1) with Salt River Project (SRP) and the Town of Prescott Valley, providing for implementation of an enhanced groundwater and surface water monitoring system generating data for a more refined (“nested”) groundwater model to be developed for the Big Chino Sub-basin and its connection to the Upper Verde River. Attached is the Council Agenda Memo from the September 19, 2012, meeting providing additional background.

CA1 includes collection of geophysical data to further define the aquifer structure and storage properties. Amendment 1 to the contract was approved by Council on June 23, 2015, for the purposes of: 1) continuation of data connection at sites in the Big Chino Sub-basin funded by the former Yavapai County Water Advisory Committee; and 2) to add an additional geophysics survey line in the Verde River headwaters area. Amendment 2 is necessary for obtaining access to privately owned lands and placing scientific equipment at optimal locations. The Parties to CA1 support the USGS proposal dated November 30, 2016, to extend the contract for the purposes of completing the data collection, analysis and reporting of the large data sets to be generated. The Parties also concur with continuing data collection in FY18 at the Williamson Valley surface water gage and at the five (5) monitor wells that have existing long-term records.

Amendment No. 2 provides for extension of the contract through Federal Fiscal Year 2018 (October 1, 2017, to September 30, 2018) at an additional cost of \$94,000.00. The majority of the additional cost will be funded by USGS Cooperative Match Program monies, less the FY18 data collection at the Williamson Valley gage and five (5) existing monitor wells (\$26,650). The City’s portion of the \$26,650 is estimated at \$8,900. Early results (provisional data) from the existing contract are currently supporting the

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assessment of existing and new monitoring wells (City Contract No. 2016-296) located in the shallow aquifer units identified in the CA1 Data Collection and Monitoring Plan.

Budget

Prescott is the fiduciary agent for CA1. The account balance of contributions made by the parties to CA1 was \$3,195,987.98 at December 31, 2016. Funding is available in the Water Fund to continue with this data collection effort, as amended.

Attachments

1. Resolution No. 4372-1581
2. Amendment No. 2 Joint Funding Agreement (City Contract No. 2014-160A2) and Workplan to Collect Geophysical Data for an Improved Hydrogeologic Model of the Big Chino Sub-basin, Central Arizona (11/2017)
3. City Council Agenda Memo for Comprehensive Agreement No. 1 (9/19/12)
4. Exhibit 5 to Comprehensive Agreement No. 1 (City Contract No. 2013-058), overview of project costs and shares

Recommended Action: MOVE to adopt Resolution No. 4372-1581.