



COUNCIL AGENDA MEMO

MEETING DATE/TYPE: **VOTING MEETING** **2-28-17**

DEPARTMENT: **Water Resources**

AGENDA ITEM: Adoption of Resolution No. 4374-1583, approving an agreement with Golder Associates, Inc., for the Big Chino Sub-Basin Groundwater Flow Model, in the amount of \$1,149,300.00 (City Contract No. 2017-246)

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, City Contract No. 2013-058, providing for implementation of an enhanced groundwater and surface water monitoring system, and creation of a refined (“nested”) groundwater flow 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.

In July 2016, the City of Prescott, on behalf of the CA1 parties, issued a Request for Statements of Qualifications (RSOQ) for development of the Big Chino Sub-Basin Groundwater Flow Model. The eleven (11) submittals of respondents were subsequently ranked according to the criteria specified in the RSOQ. Three (3) firms were then invited to an interview on November 16, 2016, conducted in Tempe, Arizona. Golder Associates, Inc., was selected as the top-ranked firm on the basis of their submittal and interview.

Following selection, Golder submitted a detailed scope, cost, and schedule breakdown. The modeling effort is a three-year project, to be completed at an estimated cost of \$1,149,300.00, which amount includes several optional tasks and a contract allowance (5% contingency) of \$54,700.00. The total represents a reduction of \$478,830.00 from Golder’s initial scope/fee proposal of \$1,628,130.00, while maintaining the integrity of the model development (data set analysis, model construction, and model testing).

Financial Impact

The Big Chino Project is a Prescott initiative, hence, the City is the fiduciary agent for CA1. The balance of contributions made by the parties for CA1 was \$3,195,987.98 at

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December 31, 2016. Funding for the modeling is maintained in a sub-account for clarity with respect to revenues and expenditures. The control figure for this component of the CA1 contract is \$1,247,711.00, of which the City of Prescott share is \$450,007.00. The difference between the total balance of contributions-to-date (\$3.2 million) and the amount of this contract (\$1.15 million) is necessary for implementing the enhanced groundwater and surface water monitoring system.

Funding is available in the Water Fund for the model development. The total cost of \$1,149,300.00, as stated above, includes a 5% allowance (contingency). As is the case with most, if not all, highly technical, unique projects, issues may arise during the scientific discovery and dialogue among the numerous parties that would benefit from additional work. In such event, any necessary adjustments that exceed the contract amount would be brought back to the Council for approval.

Attachments

1. Resolution No. 4374-1583
2. City Council Agenda Memo for Comprehensive Agreement No. 1 (9/19/12)
3. Exhibit 5 to Comprehensive Agreement No.1 (City Contract No. 2013-058), overview of project costs and shares
4. Proposal for Hydrogeological Modeling Services Big Chino Sub-Basin Groundwater Flow Model, Arizona (02/02/2017)
5. Model Cost Estimate

Recommended Action: MOVE to adopt Resolution No. 4374-1583.