Meeting Date: May 15, 2017

Report No. SUA-17-11 Agenda Item No. 2b


Budget Impact: Appropriation of $557,000 is necessary for the recommended action. With the SUA Trustees’ authorization, the required funds will be appropriated administratively from the Water Capital Fund, which has sufficient funds for this request.

Prior Council Action or Part of an Approved Project: No

Alternatives: The following alternatives are available to the City Council:

- Approve the PSA and authorize total expenditures of $598,000.
- Reject the PSA. Water Resources staff will issue a request for proposals from other consultants.
- Cancel the Project. Cancelling the project will delay needed improvements to the Rural Water System distribution system.

Recommendation: Staff recommends that the Trustees authorize total expenditures in the amount of $598,000, which includes $40,569.66 for the previous study phase, $506,463 for the design and construction phase, and 10% for permitting and contingency for the Yost Project.

Prepared by: David Barth, WR Senior Project Manager

Reviewed by: William Millis, WR Director

Submitted by: Norman McNickle, City Manager

Background Information: In 2006, the City of Stillwater executed an acquisition agreement with Rural Water Corporation No. 3. The agreement included required system improvements including replacement of the Yost Booster Pump Station (BPS) and modification of the School Tower capacity. These improvements will improve service to low pressure areas in the northern area of the Stillwater Rural Water System (RWS).
The existing Yost BPS is located at the southwest corner of the intersection of Western Road and Yost Road. The 25,400 gallon School Tower is located approximately 2/3 mile west of the Yost BPS. The Yost BPS and School Tower are connected by a 6-inch thin-walled PVC pipe.

In 2013, the SUA General Manager authorized and executed an agreement with Garver, LLC to evaluate the northern area of the RWS and make recommendations for the improvements necessary to increase the water pressure within the service area. Garver’s Preliminary Engineering Report, dated December 23, 2013, and subsequent amendment, dated July 20, 2015, called for a new BPS to be constructed at the Water Treatment Plant, a new 350,000 gallon Elevated Storage Tank (EST) located at the School Tower site, and a new 6-inch waterline connecting the BPS and EST. This new waterline is necessary to accommodate the increased pressures created by the BPS and EST. Expenditures for this study phase totaled $40,569.66.

If authorized, design will begin immediately and is anticipated to be completed in Spring 2018. Construction is anticipated to begin in Fall 2018.

The scope of the PSA includes final design, bidding, application engineering, and construction oversight services for the new BPS, EST, and waterline. Water Resources staff has negotiated a fee for these services with Garver and is requesting a total authorization, including 10% contingency, of $598,000 for these services and for the previously complete study phase.