AUSTIN CITY COUNCIL

AGENDA

Recommendation for Council Action

Austin City Council	**Item ID**	59231	**Agenda Number**	5.
Meeting Date:	6/23/2016	**Department:**	Austin Water Utility	

Subject

Authorize negotiation and execution of an interlocal agreement with the University of Texas for consulting services regarding the beneficial use of lime residuals generated at the City's water treatment plants for a total of $70,200, plus a contingency of $3,510 for a total not to exceed $73,710. (District 2)

Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Water.

Fiscal Note

A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Bill Stauber, 512-972-0290; Olivia Beck, 512-972-1839; Chris Wolter 512-972-0224; Denise Avery, 512-972-0104
Council Committee, Boards and Commission Action:	June 8, 2016- Recommended by the Water and Wastewater Commission on a 7-0 vote, with Commissioner Lee off the dais and Commissioners Kellough, Ho, and Fishbeck Maia absent.
MBE / WBE:	
Related Items:	

Additional Backup Information

The City of Austin uses lime softening at its water treatment plants to remove hardness from the drinking water. This process produces calcium carbonate residuals that must be dewatered and removed from the water treatment facilities. Through subsequent processing, residuals are created that contain about 55-60% solids, composed mostly of lime, with the remainder being water. These residuals are hauled from the water treatment plants and are currently disposed at the City's Shaw Lane Lime Residuals Disposal Facility (former quarry). Due to the volume of residuals being produced and the limited storage capacity at the Shaw Lane site, Austin Water would like to explore alternative options for disposing and reusing of lime residuals.

The scope of work for this interlocal agreement is a feasibility study aimed at (a) synthesizing technical literature and current practice regarding the use of lime residuals, (b) identifying potential uses of lime residuals in Central Texas, and (c) evaluating technical feasibility of using lime residuals (or its derivatives) in industrial and/or infrastructure applications. These results would assist Austin Water on establishing a long term plan for the disposal and potential reuse of lime residuals.

This interlocal agreement allows Austin Water to pay the University of Texas for consulting services regarding the beneficial use of lime residuals generated at the City's water treatment plants for a total of $70,200. A contingency of $3,510 in funding is also requested to cover possible changes to the scope that may become necessary during the study.

This project is located within District 2.

This project is managed by Austin Water.