

ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: March 10, 2015		DATE SUBMITTED: February 20, 2015	
DEPARTMENT OF ORIGIN: Water Services		SUBMITTED BY: J. Barfknecht	
MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input type="checkbox"/> PUBLIC SAFETY
<input type="checkbox"/> SPECIAL	<input type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> SERVICE
<input checked="" type="checkbox"/> REGULAR	<input checked="" type="checkbox"/> STATUTORY		<input type="checkbox"/> ECONOMIC DEVELOP.
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input checked="" type="checkbox"/> QUALITY OF LIFE
AGENDA ITEM DESCRIPTION: Consider approving a professional services contract to Goodwin-Lasiter-Strong to design the Highway 6 Well Collection line, City Project 611-D6-1507, for a not to exceed amount of \$219,065.			
<p>SUMMARY STATEMENT: The Water Services Department respectfully requests that the City Council approve the design contract with Goodwin-Lasiter-Strong to design a replacement well collection line along Highway 6. Currently, the City of Bryan has two water production lines that are parallel to Hwy 6 from just north of FM 2818 to the Bryan Regional Athletic Complex (BRAC). These lines are over 50 years old, have had multiple leaks, and are currently offline due to a leak located at the 2818 bridge abutment. These lines serve as a redundant loop from the wellfield near Louis Mikulin Road and Lake Bryan to the low service pump station. At the low service pump station, the water is cooled and chlorinated before being pumped to town for distribution.</p> <p>Water Services budgeted \$3 million to be allocated from a debt issue in 2015. Staff will review the financials to see if debt needs to be issued in 2015 or if the project can begin in 2015 with a reimbursement resolution for debt to be issued in 2016 when the General Fund plans to issue debt. The current Engineer's estimate is \$2,760,500 for the project. This equates to a fee of 7.9 percent or the estimated construction cost to design, survey, acquire easements, and manage the project.</p> <p>This project includes 4,300 linear feet of 36-inch DIP and 4,300 linear feet of 42-inch DIP for conveying water from the wellfield. In 2010 and 2011 when the waterline improvements to the Texas Triangle Business Park were being planned and constructed, staff had a casing installed under FM 2818 large enough for the 36-inch DIP (this casing is to be utilized during this construction). In addition to the wellfield line, approximately 5,100 linear feet of 10-inch asbestos cement water distribution pipe will be replaced from the low service pump station to roughly the RV Station along Hwy 6. The 10-inch line was installed in 1977 and is currently the only source of water for businesses north of the low service pump station including, FedEx, Neatherlin Business Park, Big Gas fuel station, Utility Fleet sales, Freightliner, Axis Pipe and Tube, and the remaining tracts in the Texas Triangle Business Park.</p> <p>Staff recommends approving this contract to design these improvements for construction. A reliable redundant loop is needed for the conveyance of water from the wellfield to the low service pump station. Additionally, a reliable water distribution pipe is also needed to provide water to the businesses along Hwy 6. It is economically more prudent to construct these lines simultaneously rather than doing two separate projects.</p>			
STAFF ANALYSIS AND RECOMMENDATION: Water Services respectfully requests City Council approve this design contract. A reliable redundant loop to convey water from the wellfield to the low service pump station is critical for helping to ensure uninterrupted water service to Bryan residents. Replacing the aged asbestos cement pipe along Hwy 6 also is a necessity to provide reliable water service to the businesses that rely on this water for			

their operations and fire protection.

OPTIONS (In Suggested Order of Staff Preference):

1. Approve the design contract.
2. Do not approve the design contract and select a different consultant, which may require consideration at a future City Council meeting.
3. Do not approve a design contract and do not replace the lines.

ATTACHMENTS: (combined in a single pdf file)

1. Proposal
2. Engineer's estimate

FUNDING SOURCE: Water Operating Funds

APPROVALS: Jayson E. Barfknecht 02/21/15; Hugh R. Walker, 02/27/2015

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register, 02-27-2015

APPROVED FOR SUBMITTAL: CITY ATTORNEY

Revised 05/2013