

ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: May 14, 2013		DATE SUBMITTED: April 28, 2013	
DEPARTMENT OF ORIGIN: Water Services		SUBMITTED BY: Jayson Barfknecht	
MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input type="checkbox"/> DIVERSITY
<input type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> EDUCATION
<input checked="" type="checkbox"/> REGULAR	<input type="checkbox"/> STATUTORY		<input checked="" type="checkbox"/> GROWTH
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> IMAGE
			<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input checked="" type="checkbox"/> PUBLIC SAFETY
AGENDA ITEM DESCRIPTION: Consider approving a construction contract to Dudley Construction Ltd. to construct an emergency interconnect located on Bullinger Creek Drive between the City of Bryan and Wickson Creek Special Utility District (SUD) in a not to exceed amount of \$514,065.00.			
SUMMARY STATEMENT: The Water Services Department respectfully requests that the City Council approve the construction contract to Dudley Construction, Ltd to construct an emergency interconnect between the City of Bryan and Wickson Creek SUD water systems. This contract will have shared costs between the City of Bryan and Wickson Creek SUD, as outlined in the Third Amendment of the Interlocal Agreement (ILA), also on this agenda.			
<p>The purpose of this interconnect is to increase the ability of both water systems to support each other during times of emergency. Although both water systems are able to meet fire flows under normal operating conditions, unforeseen emergencies occur. Interconnecting both systems will help mitigate these emergencies. This project helps provide fire protection to the growing east side of Bryan, the Hwy 21 corridor, and Coulter Airfield. It will also serve as a secondary emergency supply for both water systems.</p> <p>The cost of construction is to be shared equally between the two entities. The construction contract is expected to be complete within 180 calendar days from authorization to proceed. As outlined in the Third Amendment of the ILA, the City of Bryan will contract for the entire amount and will be reimbursed by Wickson Creek SUD upon invoicing for an amount equal to fifty percent (50%) of the contract.</p> <p>The design of this site allows the interconnect to sense pressure drops on either water system and will be equipped with valves that automatically open to allow bidirectional water flow should either system's pressure drop by a predetermined value. Supervisory Control and Data Acquisition (SCADA) will allow both utilities to monitor this interconnect and override the valves in the event a leak is the cause of the low pressure. To protect the integrity of the providing system, the interconnect is designed so pressure on the supply side does not drop below 35 psi (TCEQ recommended minimum for water).</p> <p>On February 27, 2013, three (3) bids were received. The low bid being Dudley Construction Ltd with a bid of \$514,065.00.</p>			
STAFF ANALYSIS:			
<p>A. PROS: The benefit for this contract is to construct an interconnect between both water systems to provide increased water service reliability to meet emergency demands under extenuating circumstances within either water system.</p> <p>B. CONS: Approving this construction contract results in the expenditure of public funds. If this contract is not approved, an opportunity to partner with a neighboring water supply system to provide increased fire protection and water service during an emergency to City of Bryan residents would be missed. This contract will require</p>			

the expenditure of public funds.

STAFF'S RECOMMENDATION (Including Rationale and Justification): In December 2007, an Interlocal Agreement between the City of Bryan and Wickson Creek SUD for Water Utility Operations and Development Enhancement was approved. The intent of this agreement was to have collaboration between the City of Bryan and Wickson Creek SUD on how the water systems could complement each other to support future growth and provide enhanced fire flow during emergency situations.

The First Amendment approved on June 10, 2008, was the initial step towards identifying the location(s) where the two water systems should be interconnected. The resulting study was completed in November 2008. The study identified the location designed in the Second Amendment and being proposed to be constructed in the Third Amendment as an optimal location for the two systems to be interconnected.

The Second Amendment approved on March 10, 2009, was the second step towards making this project a reality. It included the sharing of costs between the two entities in hiring Winn Professional Engineers and Constructors, LLC ("WPEC") to design an interconnect between the two water systems located along Bullinger Creek Drive as identified in the First Amendment.

The Third Amendment for the construction costs to be shared between the two utilities is on the April 9, 2013, agenda. The contract being considered with this item is the contract referenced in the Third Amendment. This construction contract will provide for the construction and completion of the interconnect, so both water systems can complement each other in order to support future growth and provide enhanced fire flow during emergency conditions for the east side of Bryan, including the Highway 21 corridor.

Water Services recommends the construction contract be approved to construct the interconnection between both water systems.

OPTIONS (In Suggested Order of Staff Preference):

1. Approve the contract as proposed
2. Approve the contract to a different vendor
3. Do not approve the contract and provide direction to staff

ATTACHMENTS: Bid tabulation (Contract available for viewing in City Secretary's Office)

FUNDING SOURCE: Water Operating Fund

APPROVALS: Jayson E. Barfknecht 04/28/13;

APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 05/06/2013

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register 05/03/2013



City of Bryan - Purchasing Department
Bid Tabulation for #RFB #13-017
Wickson Creek Eastside Interconnect
2/27/2013

CITY OF BRYAN
The Good Life, Even Better.

All bids submitted are reflected on this bid tab sheet. However, the listing of a bid should not be construed as any indication that the City accepts such bid as responsive. The City will notify the successful bidder upon award of contract.

	Civil Constructors, Inc.	Kieschnick General Contractor	Dudley Construction Ltd.
# of Copies (1 complete original)	Y	Y	Y
Executed 5% Bidder's Bond (Y/N)	Y	Y	Y
Certification from bid package (Y/N)	Y	Y	Y
Acknowledged Addendum #1 (Y/N)	Y	Y	Y
Franchise Tax Certificate (Y/N)	Y	Y	Y
Felony Conviction Notification (Y/N)	Y	Y	Y
Statement of Bidder's Qualifications (Y/N)	Y	Y	Y

ITEM	QTY	UNIT	DESCRIPTION	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1	Lump Sum	Mobilization and Project Overhead	XXXXXX	\$37,856.29	XXXXXX	\$60,000.00	XXXXXX	\$47,800.00
2	1	Lump Sum	Pump station including pump, valves, flow meters, foundation, piping, pressure transmitters, SCADA tower, electrical and Associated appurtenances.	XXXXXX	\$338,500.00	XXXXXX	\$400,000.00	XXXXXX	\$322,400.00
3	1	Lump Sum	Sitework including earthwork cut, compacted select fill, concrete drive, slope paving, and swale, culver, fencing, landscaping and associated appurtenances.	XXXXXX	\$67,134.00	XXXXXX	\$120,000.00	XXXXXX	\$61,000.00
4	1	Lump Sum	Water line including PVC piping, directional bore and casing, tie-ins, gate valves and associated appurtenances.	XXXXXX	\$79,822.00	XXXXXX	\$120,000.00	XXXXXX	\$78,600.00
5	780	L.F.	Trench Safety in accordance with 29 CFR 1926	\$1.00	\$780.00	\$5.00	\$3,900.00	\$1.75	\$1,365.00
6	1	Lump Sum	Preparation and implementation of Storm Water Pollution Prevention Plan.	XXXXXX	\$5,951.25	XXXXXX	\$7,500.00	XXXXXX	\$2,900.00
TOTAL AMOUNT BID:					\$530,043.54		\$711,400.00		\$514,065.00