

## ACTION FORM BRYAN CITY COUNCIL

<b>DATE OF COUNCIL MEETING:</b> March 25, 2014		<b>DATE SUBMITTED:</b> March 6, 2014	
<b>DEPARTMENT OF ORIGIN:</b> Water Services		<b>SUBMITTED BY:</b> J. Barfknecht	
<b>MEETING TYPE:</b>	<b>CLASSIFICATION:</b>	<b>ORDINANCE:</b>	<b>STRATEGIC INITIATIVE:</b>
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input type="checkbox"/> PUBLIC SAFETY
<input type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input checked="" type="checkbox"/> SERVICE
<input checked="" type="checkbox"/> REGULAR	<input type="checkbox"/> STATUTORY		<input checked="" type="checkbox"/> ECONOMIC DEVELOP.
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input type="checkbox"/> QUALITY OF LIFE
<b>AGENDA ITEM DESCRIPTION:</b> Consider approving the purchase of two (2) new belt press control panels from Ashbrook Simon-Hartley of Houston, Texas in an amount not to exceed \$61,260.00.			
<b>SUMMARY STATEMENT:</b> Water Services requests City Council approval for the purchase of two (2) new belt press control panels to replace existing units at the Burton Creek and Still Creek WWTPs. Funding for this request is made available through Water Services' Fiscal Year 2014 Decision Package. \$64,000 was budgeted to allow replacement and installation of a single control panel (Option 1 per the attached quote); replacement of two control panels is currently needed. Water Services is opting to perform panel installation and startup in-house and use savings from this action to secure the second needed panel. Water Services employs its own skilled maintenance staff and does not believe third party installation is needed.			
Solids processing and disposal is a permit requirement. Staff utilizes a mechanical belt press to dewater sludge. The combination of corrosive gas (hydrogen sulfide) and humidity associated with sludge dewatering compromises the integrity of the electrical panels, equipment, and controllers located within each facility's dewatering building. Staff has taken corrective steps to minimize the corrosive conditions and structural damage by rebuilding the dewatering buildings at both facilities to include wall-mounted exhaust fans and ridge vents to promote continuous air ventilation.			
Ashbrook Simon-Hartley belt presses are used at both facilities. The requested control panels and associated programming are proprietary to Ashbrook, limiting staff's ability to secure additional quotes. As previously mentioned, funding for this request is part of Water Services' Fiscal Year 2014 Decision Package. Approval of this request supports regulatory requirements for solids processing, promotes work zone safety, and ensures long-term parts availability and use by upgrading both facility's control panel with the manufacture's current platform.			
<b>STAFF ANALYSIS AND RECOMMENDATION:</b> Water Services respectfully request the City Council approve purchase of the proposed control panels from Ashbrook Simon-Hartley of Houston, Texas in an amount not to exceed \$61,260.00. Malfunction or failure of the control panel will impact the belt press' operation and use. The Texas Commission on Environmental Quality (TCEQ) requires the City to employ measures to control and process wastewater treatment sludge. The City currently uses a belt press to meet this permit requirement. Staff's inability to remove sludge from the wastewater system can impact the water quality of treated water discharged from the plant.			
<b>OPTIONS (In Suggested Order of Staff Preference):</b>			
1. Approve purchase.			
2. Do not approve purchase.			

3. Do not approve purchase and provide direction.

**ATTACHMENTS:** Quote

**FUNDING SOURCE:** Wastewater Fund

**APPROVALS:** J. Barfknecht 03/06/14; Hugh R. Walker, 03/07/2014

**APPROVED FOR SUBMITTAL: CITY MANAGER** Kean Register, 03-11-2014

**APPROVED FOR SUBMITTAL: CITY ATTORNEY** Janis K. Hampton, 03-12/2014

Revised 05/2013