

## ACTION FORM BRYAN CITY COUNCIL

<b>DATE OF COUNCIL MEETING:</b> August 6, 2013		<b>DATE SUBMITTED:</b> July 15, 2013	
<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 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
<b>AGENDA ITEM DESCRIPTION:</b> Consider awarding the construction contract for the 2013 Manhole Rehabilitation Project, City Job No. 411-D4-1304 to Standard Cement Materials Inc for the not to exceed amount of \$299,230.00.			
<b>SUMMARY STATEMENT:</b> This construction contract includes repairing and lining sanitary sewer manholes throughout various basins in the city. Repair and lining will be conducted on manholes in basins 1, 2, 4, 5-6, 15, 16, 18, 21, 22, 23, 24 and 25 along with a few locations in other basins.			
<p>The manholes to be rehabilitated with this project were identified in a study conducted by Pipeline Analysis (PA), LLC in 2006. The study identified manholes that are contributing to inflow and infiltration (I&amp;I) into the sanitary sewer system, or that need repair due to deterioration or corrosion. This project is part of the Sanitary Sewer Overflow Initiative (SSOI) with the Texas Commission on Environmental Quality (TCEQ) and is Phase 3 and the last phase of the manhole rehabilitation projects associated with this initiative.</p> <p>The majority of the manholes to be rehabilitated are old, brick manholes that have severely deteriorated. Damage to the manholes include damaged or missing bricks and mortar, cracks, leaking pipe seals, eroded benches and inverts, or corrosion. Manholes exhibiting severe deterioration will be repaired and coated with a cementitious material to fill all voids, holes and gaps. After applying the cementitious material, the manhole will be coated inside with a polyurethane material to seal the manhole. Manholes that exhibit moderate deterioration will receive the polyurethane coating only. Manholes repaired by the second method (i.e., polyurethane coating) are mostly concrete manholes that are leaking, but not severely damaged. Manholes will be tested using a vacuum technique to test the repair.</p> <p>This project will rehabilitate 109 manholes in the locations listed above for a total of 972 vertical feet of repair. The rehabilitated manholes will be structurally sound and water tight at a significant cost savings when compared to replacement. This method is also less intrusive for manholes located in the street or in yards or behind homes as no excavation is required.</p> <p>As part of the study conducted in 2006, Pipeline Analysis developed technical specifications for repair products, repair methods, application methods and qualifications of the contractor that will apply the products. The specifications outline minimum materials requirements and contractor experience necessary for a manhole repair or lining contract.</p> <p>Pipeline Analysis provided a list of approved materials with a proven repair history as part of the technical specifications. For a material to be considered for application on a project, "the product must have a minimum of two (2) million square feet and (10) year history of successful wastewater collection system installations in the United States." This materials list has been updated since 2006 to include the newer products on the market today.</p>			

In addition to the materials list, PA provided a list of requirements that must be met to consider a contractor eligible to provide manhole lining services. For a contractor to be considered acceptable, “the installer must also have a minimum of one (1) million square feet of successful wastewater collection system installations and ten (10) years of rehabilitation experience with the product to be applied.”

A mandatory pre-bid meeting was held on Wednesday, June 26, 2013, during which, the above requirements were discussed; four (4) contractors attended the meeting. On July 9, 2013, two (2) competitive bids were received and opened. The low bidder on the project is Standard Cement Materials, Inc. with a bid of \$299,230.00. The second lowest bidder on the project is Fuquay, Inc. with a bid of \$306,307.00. Water Services budgeted \$400,000 for this project in FY2013. In addition to reviewing the cost of the project, bidders were also to submit the warranty time for their work. Standard Cement Materials, Inc. is providing a 10 year warranty where Fuquay, Inc. bid a 3 year warranty.

**STAFF ANALYSIS AND RECOMMENDATION:** Staff recommends awarding the construction contract for the 2013 Manhole Rehabilitation Project, City Project Number 411-D4-1304, to Standard Cement Materials, Inc. for the not to exceed amount of \$299,230.00. This Phase 3 project will complete the City’s obligation for manhole rehabilitations associated with the TCEQ SSOI.

**OPTIONS (In Suggested Order of Staff Preference):**

1. Award the Construction Contract
2. Award the Construction Contract to a different vendor, which may require consideration at a future City Council meeting
3. Do not award the Construction Contract

**ATTACHMENTS:** (all attachments are part of a single pdf file)

1. Bid Tabulation
2. Bid from Vendor
3. Bid Documents

**FUNDING SOURCE:** Water Services Operating Fund

**APPROVALS:** Jayson E. Barfknecht 07/14/13; Hugh R. Walker, 07/15/2013

**APPROVED FOR SUBMITTAL: CITY MANAGER** Kean Register, 07/25/2013

**APPROVED FOR SUBMITTAL: CITY ATTORNEY** Janis K. Hampton, 07-28-2013