City of **JOPLIN** City Council Agenda Item

**Requested Council Meeting Date: December 19, 2016**
**Council Bills No. 2016-167**
**Item: Contract for Purchase Mechanical Bar Screen System**

**Originating Department: PUBLIC WORKS –OPERATIONS**

Attachments: 1) Council Bill No. 2016-167
2) Bid Tabulation
3) Sign in Sheet
4) Bid Proposal

Operations Section: Lynden Lawson
Department Head: Nicholas A. Heatherly
Finance Department: Leslie Haase
City Attorney: Peter C. Edwards
City Manager: Samuel L. Anselm

**Recommended Action:** Authorization to enter into a contract with **Fairfield Service Company of Indiana, LLC** to purchase and install one mechanical bar screen for the headworks at Shoal Creek Wastewater Treatment Facility. This contract is in the amount of $85,000.00.

**Background:**
The Shoal Creek Wastewater Treatment plant does not have a mechanical bar screen at the headworks. These mechanical bar screens capture paper products, rags, cans, sticks shoes and other larger trappings that would hinder the flows through the plant, damaging pumps and impellers that impede the process. This type of technology is needed to provide staff a more efficient method of responding to all of these items mentioned caught on the grill at the headworks which is basically an employee taking a rake and raking the debris off.

Staff has been working with its Engineering Consultant (Allgeier-Martin) since August 2016 specification for a unit to be installed in the existing headworks structure. This project was a part of the FY15-16 budget but we were able to have Missouri Department of Natural Resources approve using unspent SRF funds to pay for this project as part of the Shoal Creek Wastewater Treatment Plant expansion. The city is purchasing the unit directly and then will have a change order with McClanahan Construction to install it.

**Discussion:**
The bid was advertised in accordance with the city procurement policies and two bids were received on December 7, 2016. Fairfield Service Company submitted the lowest and responsible bid. This contract will have Fairfield Service Company delivering one mechanical bar screen. McClanahan Construction Company will install the mechanical bar screen as part of a contract already approved by council on the Shoal Creek Phase Two expansion project and project # C295548-03 and approved through change order #4. Half of the costs are covered by Missouri Department of Natural Resources Grants and the other by SRF funds. The purchase order shall not be issued until we are provided approval by Missouri Department of Natural Resources.

**Recommendation:** City staff recommends that Council approve the contract with Fairfield Services Company in the amount of $85,000.00 and be approved on an emergency basis in accordance with Section 2.12(6) of the Joplin City Charter.