

**CITY OF GOODYEAR  
CITY COUNCIL ACTION FORM**

<b>SUBJECT:</b> <b><u>APPROVE CONSTRUCTION</u></b> <b><u>CONTRACT WITH FELIX</u></b> <b><u>CONSTRUCTION COMPANY, INC.,</u></b> <b><u>FOR THE DIGGER</u></b> <b><u>REHABILITATION PROJECT -</u></b> <b><u>CITY OF GOODYEAR 157<sup>th</sup> AVE</u></b> <b><u>WRF</u></b>	<b>STAFF PRESENTER:</b> <b>Brad Richards PE, Project Manager</b>  <b>COMPANY CONTACT:</b> <b>David Giannetto, Felix Construction</b> <b>Company, Inc.</b>
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**RECOMMENDATION:**

Approve the \$580,294.38 contract for the Construction Contract with Felix Construction, Inc. for Digester Rehabilitation to the City of Goodyear 157<sup>th</sup> Ave Water Reclamation Facility (WRF), and authorize the Purchase Order to be issued.

**PURPOSE:**

Approval of this contract will allow the City to proceed with construction of the Digester Rehabilitation Project at the City of Goodyear 157th Ave WRF. The Digester Rehabilitation construction project will replace the existing lining for the north digester basin and replace existing equipment. This will provide redundancy for the solids handling facility as well as allow cleaning and inspection of the south digester basin. The project will immediately put in place corrective action in accordance with Maricopa County Environmental Services department requirements. (Brad Richards, PE, Project Manager)

**BACKGROUND AND COMMUNITY BENEFIT:**

In April 2014, the MCESD and ADEQ performed an annual operations and maintenance inspection of the Goodyear Water Reclamation Facility. The County identified two deficiencies requiring corrective actions. The first is the north aerobic digester, and the second is the south aerobic digester. The City is required to repair/replace all equipment and piping necessary to make the north digester functional in order to be placed into service. Once the north digester is placed into service, the south aerobic digester is to be taken off-line and cleaned per the County inspection report.

The Maricopa County Environmental Services Department (MCESD) Water and Waste Management Division conducted an operation and maintenance inspection of the City of Goodyear, 157th Avenue WRF on 4/9/2014. The inspection was conducted in accordance with the Maricopa County Environmental Health Code (MCEHC), Chapter II, Section 2, Regulations 3.e & 3.f. During the inspection and subsequent review of operating records the following deficiencies requiring corrective action were noted:

Digester No. 2 (north basin and former Oxidation Ditch No. 2) is in a state of disrepair. The existing equipment including the rotary brushes are not functional and during the

inspection it was noted that the process unit could not be placed into service due to disrepair.

1. Repair/replace all necessary equipment and piping and place Digester No. 2 into service within 90 days or submit a plan of action to achieve compliance.
2. Digester No. 1 (south basin) has not been cleaned since it was placed into service circa 2006. A significant amount of debris is visible in this basin which may affect the operation of this unit. Once Digester No. 2 becomes operational, empty and clean Digester No. 1.

These two requirements, per an agreed upon schedule by the City and MCESD, are to be started as soon as practical after July 1, 2015 which is at the beginning of FY 2016 when project funding is available.

### **Project Construction Delivery**

The City of Goodyear has used the JOC type project delivery in the past with great success. The benefits of constructing the Digester Rehabilitation project using a JOC include:

1. Competitive Procurement - JOC's are competitively procured.
2. Qualification Based Selection - Contractor selection is based on qualifications, work history within the City, on time record and comprehensive job cost rather than low initial bid cost, with change order requests. This means that the choice will be based on experience with similar sites, knowledge and capability of personnel, and other factors that directly impact the quality of work delivered.
3. Time & Cost Savings - The City will be able to proceed with council presentation immediately, saving up to 90 days it typically takes to Bid and Award the project. A JOC takes as few as 30 days from JOC proposal acceptance to start of construction. This efficiency is possible because JOC projects do not require the additional time necessary for advertising, pre-bid and award.
4. Value Engineering - Constructability reviews are conducted while the contractor's construction scope and fee proposal is being reviewed and discussed.
5. Open Book Pricing - Contractor Cost Proposals provide detailed cost estimates and bid quotes during the scope and fee negotiation. The City can review the scope and determine that all items and fees are addressed.
6. Quality - Partnering with the Contractor during design produces high-quality construction and service.

The City of Peoria JOC competitively selected Contractors based on a statement of qualifications submitted in response to a hypothetical Water-Wastewater project scope of work.

1. The selection is competitive, based on qualifications.
2. The selection establishes unit costs for typical construction project activities.
3. Items typically associated with water-wastewater projects including unique equipment (lining systems, aeration brushes) are competitively solicited from multiple vendors in accordance with the technical specifications.
4. All solicited proposals are provided for review.
5. Contractor subcontractor mark-up is capped.

6. Contracts can be awarded up to a value of \$3 million per project.

The following AZ municipalities and agencies use the City of Peoria Job Order Contract for Water and Wastewater CIP projects adding contract language (piggy-backing) specific to each agency:

- Goodyear
- Avondale
- Glendale
- Mesa
- South Mountain Community Facility District
- El Mirage
- Clarkdale
- Flagstaff
- Florence
- Marana
- Eloy
- Pinal County

The Contractor, Felix Construction Company, Inc. was selected from the City of Peoria JOC based on prior project performance with the City of Goodyear that includes; superior customer service, quality, on time project completion, and maintaining budget. Felix Construction will be contracted through the City of Goodyear Job Order Contract which uses the “cooperative language” provision that is part of the City of Peoria Job Order Contract for Water and Wastewater.

**Specific Community Benefits Include:**

The 157<sup>th</sup> Ave WRF provides wastewater treatment for the majority of City of Goodyear residents and businesses, portions of the EPCOR water service area and will include future flows from the AZ Water service area, future City of Goodyear residential and commercial development, Perryville State Prison and concentrate flows (brine) from the City reverse osmosis treatment facilities for the potable water system. The 157<sup>th</sup> Ave WRF solids facility also processes sludge from the City of Goodyear Corgett WRF.

The Digester Rehabilitation construction project will replace the existing lining for the north digester basin and replace existing equipment. This will provide redundancy for the solids handling facility as well as allow cleaning and inspection of the south digester basin. The project will immediately put in place corrective action in accordance with Maricopa County Environmental Services department requirements.

**PREVIOUS ACTIONS AND DISCUSSION:**

No previous discussions regarding this request have been brought to Council.

**FISCAL ANALYSIS:**

The Goodyear (157<sup>th</sup> Ave) Water Reclamation Facility - Digester Rehabilitation project was approved in the FY 2016 Capital Improvement Program.

The approved Capital Improvement Program project budget for the construction of the Digester Rehabilitation project is \$621,300.00.

To date, the project is not encumbered. The contract for Felix Construction Company, Inc. presented for the project is \$580,294.38 which is \$41,005.62 less than the approved CIP budget. The remaining funds in the amount of \$41,005.62 are not included in the contract amount with Felix Construction Company, Inc., but will be allocated as project contingency to be used if required for the project during construction.

**ATTACHMENTS:**

Cooperative Purchasing Agreement with Felix Construction (CON-16-3344)