

## CIP EXPENSE DETAIL

**DATE OF COUNCIL CONSIDERATION:**  
**CONTACT DEPARTMENT(S):**

Austin Water Utility

**SUBJECT.** Authorize execution of a construction contract with MATOUS CONSTRUCTION LTD., for the construction of the Ullrich Grit Conveyance System in an amount not to exceed \$84,000.00

### CURRENT YEAR IMPACT:

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Department:</b>              | <b>Austin Water Utility</b> |
| Project Name:                   | Ullrich Grit Removal        |
| Fund/Department/Unit:           | 3960 2207 7193              |
| Funding Source:                 | Commercial Paper            |
| Current Appropriation:          | 551,720.00                  |
| Unencumbered Balance:           | 114,085.14                  |
| Amount of This Action:          | (84,000.00)                 |
| Remaining Balance:              | <u>30,085.14</u>            |
| <br>Total Amount of this Action | <br><u><u>84,000.00</u></u> |

**ANALYSIS / ADDITIONAL INFORMATION:** The Ullrich WTP is the City's largest capacity potable water treatment plant capable of treating 167 million gallons of water per day to potable drinking standards. As part of the City's treatment process, grit is produced during the lime softening process and, if not removed at the source, will jeopardize other systems throughout the process. The Austin Water Utility (AWU) developed a grit removal system in-house that achieves removal of this grit. The first system was designed, fabricated then installed by City forces which confirmed system effectiveness. The balance of four (4) removal systems were fabricated and delivered to Ullrich WTP. Approval of the subject contract amount will allow AWU to have the balance of these systems installed and put into operation.

The vendor is expected to provide needed supervision, materials and trained personnel to coordinate the installation, and confirm final dimensions with the owner. The vendor is also required to provide missing or unidentified parts/components to successfully complete the project within agreed time schedule.

Work hours shall be limited to 7am to 4 pm daily in line with the plant work schedule. A request must be submitted for extended work hours and must be discussed and approved by the Project Engineer and the plant superintendent. Because of the uniqueness of the project, a TXMAS co-op contract system is proposed to hire a vendor with the required technicality and professionalism to appropriately core through reinforced concrete walls approximately 20 inches thick to provide passage for pipes and fittings. The locations of the cores shall be coordinated with the owner.

The project is a specialized component of a time sensitive critical performance improvement in the plant upgrade. The Co-op process is desired because of the technical nature of the assignment. The contractor is from the TXMAS Facilities Maintenance and Management schedule and has experience on facility projects.

The contract allows 60 calendar days for completion of the project. Work is anticipated to start in May 2013. This project is located within zip code 78746 and is managed by Austin Water Utility.