



**Item:** Professional Services Agreement Award: Wastewater Treatment Plant DAFT Rehabilitation and Lift Stations 2, 20, and 24 Can Replacement and Miscellaneous Improvements Projects, O.F. 1374.7

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Consider proposal and approve Agreement.

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**Suggested Motion:**

1. Commissioner moves:

“I move the City Commission award a Professional Services Agreement in the amount of \$400,855.00 to NCI Engineering Company (NCI) for engineering services associated with the Wastewater Treatment Plant DAFT Rehabilitation and Lift Stations 2, 20, and 24 Can Replacement and Miscellaneous Improvement Projects, O. F. 1374.7, and authorize the City Manager to execute the Professional Services Agreement documents.”

2. Mayor calls for a second, discussion, public comment, and calls for the vote.

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**Staff Recommendation:** Approve Professional Services Agreement.

**Background:**

Significant Impacts

Engineering services provided by NCI will complete the design of the rehabilitation of the Dissolved Air Flotation Thickener (DAFT) building heating and ventilation system at the wastewater treatment plant, plus necessary repairs and upgrades to sewage lift stations 2, 20, and 24. The lift stations are located at 601 River Drive North, 835 13<sup>th</sup> Street SW, and 704 Juniper Drive, respectively. All of these facilities are approaching the end of their service lives and require replacement or upgrades. This Agreement also provides for bidding and inspection of the construction phases of the projects.

Workload Impacts

Engineering analysis, design phase engineering, plans, and specifications will be completed by NCI, along with inspection services during construction. City staff will

provide plan review plus contract administration during the construction phase of the projects.

#### Purpose

The existing equipment at the DAFT was installed in the mid 1970's and is approaching the end of its service life. The atmosphere within the DAFT building is humid and somewhat corrosive, which gradually degrades equipment that is exposed to it. This project will replace the existing equipment as well as install necessary upgrades. Also, the three sewage lift stations require replacement of their wet well storage tanks (cans) and other equipment. The lift stations have been in operation for decades and have experienced corrosion and general deterioration over the years.

#### Project Work Scope

This contract is divided into two sections. In Task 1 (DAFT Rehabilitation), NCI will evaluate existing DAFT equipment for replacement and/or upgrades, especially the heating and ventilation systems. A design including plans and construction documents will then be generated and the project will be put out to bid.

In Task 2 (Lift Stations 2, 20, and 24), NCI will evaluate the lift stations for current and future needs and improvements, provide recommendations for potential replacements and operational improvements, complete design and construction documents for the rehabilitations, and put the projects out to bid.

The two different tasks/projects will both be inspected by NCI during the construction phase. The projects will be bid out and constructed under separate contracts.

#### Evaluation and Selection Process

NCI was selected in accordance with the City's Architect, Engineer and Surveyor Selection Policy. This consultant has done a series of successful rehabilitation projects at the Wastewater Treatment Plant plus repair and replacement projects to a number of sewage lift stations over the years. This experience will allow NCI to effectively move forward with these much needed projects.

#### Conclusion

City staff recommends awarding the Professional Services Agreement to NCI in the amount of \$400,855.00.

#### **Fiscal Impact:**

This Agreement, and the construction projects to follow, will be funded by the Sewer Fund. The Professional Services Agreement details the work scope and summarizes the project costs.

#### **Alternatives:**

The City Commission could vote to disapprove the Professional Services Agreement.

#### **Attachments/Exhibits:**

1. Professional Services Agreement (Not available online; on file in City Clerks's Office.)