



The City of Daytona Beach Utilities Department

TO: James V. Chisholm, City Manager
FROM: Shannon Ponitz, Interim Utilities Director *SP*
DATE: July 20, 2018
SUBJECT: Resolution Approving a Contract for Construction Services for Westside Regional WRF Improvements

REQUEST

Utilities Department requests the City Commission adopt a resolution approving the following:

- A Construction Manager at Risk Contract (City Contract No. 0317-2370) with PC Construction Company, 193 Tilley Drive, South Burlington, VT 05403, for construction of Westside Regional Water Reclamation Facility (WRF) Improvements in an amount not to exceed \$39,918,677.00; and
- Work Authorization No. 21 under a continuing professional services contract (City Contract No. 1307-1022) with Carollo Engineers, for provision of construction engineering and inspection services needed in association with PC Construction Company's construction work in an amount not to exceed \$1,716,507.97.

PURPOSE

The purpose of this request is to construct the Westside Regional WRF Improvements.

CONSIDERATION

Carollo Engineers provided engineering design and construction plans for the improvements needed at Westside Regional WRF, which included the following three projects:

- RAS/WAS Pump Station Modifications and Bardenpho™ Stage 5 Aeration Improvements
- Bardenpho™ Stage 3 Improvements
- Tertiary Deep-Bed Sand Filters

The City issued a Request for Proposals No. 0317-2370 for Construction Management at Risk (CMAR) Services on July 18, 2017 and proposals were opened on August 25, 2017. Staff sought to use the CMAR Services method of construction because, in comparison to a traditional construction services contract, a CMAR Services contract will allow the City to minimize cost overruns. Under a CMAR contract, the construction manager agrees to a Guaranteed Maximum Price (GMP), which cannot be exceeded in the event of additional costs, other than those costs resulting from a change in the scope of work ordered by the owner. This method of construction for delivery of construction services is especially useful for the services required here: the three projects referenced must proceed simultaneously, while the Plant remains in operation.

The City's selection committee ranked PC Construction Company the highest based on their qualifications. Negotiations have been on-going since selection of PC Construction Company as the highest ranked team. During these negotiations, PC Construction Company obtained bids for

the work that will be performed by multiple subcontractors, using a process that was subject to City staff review. The outcome of the bids has resulted in a GMP, which means the City now has the maximum sum for the completion of the project improvement subject to any change orders. The proposed CMAR Services Contract provides for a GMP of \$39,918,677.00.

The proposed Work Authorization, with Carollo Engineers, Inc. for engineering and inspection services, is for an amount not to exceed \$1,716,507.97. The need for such services is especially significant here due to the complexity of the three projects occurring simultaneously.

These contracts will be funded using an SRF Loan and construction is anticipated to be completed September 2020.

FUNDING

Funds are available in the CWSRF Loan No. WW64093 in Account 418-610000-536-565000-611708.

RECOMMENDATION

Utilities Department recommends the City Commission adopt a resolution approving a Construction Manager at Risk Contract (City Contract No. 0317-2370) with PC Construction Company, 193 Tilley Drive, South Burlington, VT 05403, for construction of Westside Regional Water Reclamation Facility (WRF) Improvements and Work Authorization No. 21 under a continuing professional services contract (City Contract No. 1307-1022) with Carollo Engineers, for provision of construction engineering and inspection services needed in association with PC Construction Company's construction work for a total amount of \$41,635,184.97.

SCHEDULE

Commission Approval – August 2018

ATTACHMENTS

Agenda Summary
Sufficiency of Funds
Contract No. 0317-2370
Carollo Proposal
RFP Recap Sheet
RFP Tabulation Sheet
RFP Vendor Mailout
PPT Slide