



Wharton-Smith, Inc  
CONSTRUCTION GROUP

## **Proposal: Clearwater Project No. 18-0019-UT**

Date: June 27, 2018

TO: Jeff Walker, P.E., CBO  
City of Clearwater – Engineering Department  
100 S. Myrtle Ave., Suite 200  
Clearwater, FL 33756

### **RE: NE WRF Effluent Sand Filter Repairs (18-0019-UT)**

Pursuant to your request Wharton Smith is submitting a price quote for RFP 01. Our proposal includes labor, materials, tools, equipment and supervision, to replace the existing filter media and air diffuser drop assemblies in each of the twelve filter cells of the Hydro-Clear Rapid Sand Filters at the Clearwater Northeast Advanced Pollution Control Facility (APCF).

The cost replace the items as described above for all twelve filter cells is \$252,889.00

### **Scope of Work:**

Our estimate is based on the following.

- Removal of existing media utilizing a vacuum truck. Immediately following media removal, no later than the following day an inspection will need to be conducted by the City.
- Disposal of spent media at an approved RCRA facility which is FDEP permitted for non-hazardous waste streams. Compliance testing for Totals on Lead, Cadmium, Chrome and Arsenic per each cell to be provide by City. TCLP not required.
- New media will be replaced using a tanker truck and pneumatically blown in place.
- Backwash Troughs, FRP Grating, SS wire mesh, etc... to remain in place.
- Debris trapped between the FRP Grating and SS wire mesh not to be removed.
- Debris within the FRP grating cells will be removed by manual means.
- Replacement media volume estimated at 330 cubic feet per cell.
- Replacement of Air Diffuser Drops, including drop pipes, gas cocks, air diffusers and mounting hardware, 10 drop pipes per cell.
- Air diffuser, and piping to be uncoated Sch. 80 PVC per manufacture's recommendation.
- Existing 3" air header to remain.



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- No disassembly, repairs or replacement of existing components not specifically mentioned above are included.
- Once filter media is removed each cell will be inspected and condition of unseen components assessed. If additional down time for inspections, remediation or repairs are required they will be treated on a case by case basis.
- Pricing is based on a single site mobilization. Wharton Smith to remain on site until work is complete (approximately 2 months).
- No extended down time is allocated between completing one filter cell and beginning work in the next.
- Factory certified service tech to perform initial inspection of first emptied cell and conduct an operation survey (1 day included) which the City will be present and inspectors appointed.
- We have not included any cost for the following items: Permits, TCLP Testing, Materials or Geotechnical Testing.
- City will provide Electricity (120 VAC 30 amps service) and any Temporary Hook-Ups for the Superintendent Trailer for the duration of the project at no cost to the contractor.
- The Owner's Contingency is available for the City's exclusive use and is available for scope changes instructed by the City. Changes to the scope of work are subject to review and approval by Wharton-Smith, Inc. and the Engineer of Record.
- The air diffuser drop pipe assembly (Evoqua Quote) along with the filter sand (Standard Sand and Silica Quote) and incidental materials per filter equals the Base Bid Directs Material Total of \$57,072.
- Minimum number of filters to be down at any given time is two (2) and the maximum is four (4), depending on weather conditions.
- Cost of Performance and Payment Bond is included in proposal. However, bonds cannot be provided until agreement is approved and finalized.

Only the items listed above are included in this scope of work. No cost allowance has been made for items of work not specifically called out above, and are specifically excluded.



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### Cost Detail:

Description	Amount
Cost of Work	\$136,892
Sales Tax	\$4,607
<b>Subtotal</b>	<b>\$141,499</b>
General Conditions (or General Conditions/Supervision/Insurance/Bond)	\$55,767
Construction Management Fee	\$32,968
Contingency <u>10%</u>	\$22,655
<b>Guaranteed Maximum Price</b>	<b>\$252,889</b>

Project Duration shall be 120 calendar days from the date of the Notice to Proceed.

**Existing Contract:** This proposal is submitted in conjunction with the existing Construction Manager at Risk Services Continuing Contract entered into with the City of Clearwater on **August 4, 2016**, based on **RFQ #24-16**.

**If GMP Exceeds \$150,000:** Per Section III, Article 5.1 of the Contract Specifications, the contractor shall provide to the public entity a certified copy of the recorded bond. Once the City receives a certified copy of the recorded bond, a Notice to Proceed may be issued. Include the attached bond form as well as the Power of Attorney


For work performed, invoices shall be submitted to the City of Clearwater, Engineering Department, Attn: Veronica Josef, Senior Staff Assistant, P.O. Box 4748, Clearwater, Florida, 33758-4748. Contingency services may be billed only after written authorization is provided by the City to proceed with those services.

City Code: 327327-563800-96664



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By: 

Print Name: Ronald F. Davoli  
Title: President/CEO

Countersigned:

**CITY OF CLEARWATER, FLORIDA**

\_\_\_\_\_  
George N. Cretekos  
Mayor

By: \_\_\_\_\_  
William B. Horne II  
City Manager

Approved as to form:

Attest:

\_\_\_\_\_  
Owen Kohler  
Assistant City Attorney

\_\_\_\_\_  
Rosemarie Call  
City Clerk