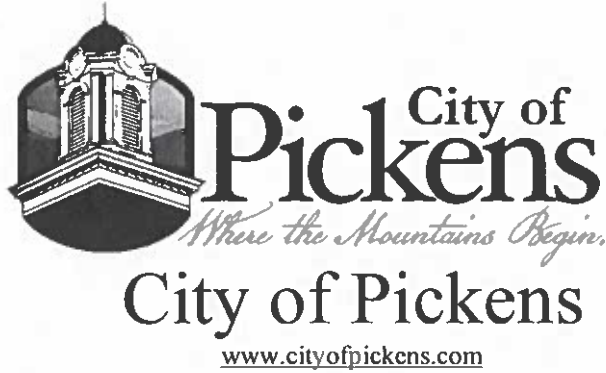


Mayor
ISAIAH SCIPIO
City Council
DANNY ADAMS, Mayor Pro-Tem
ROBERT NEALY
CAMERON RIVERS
FLOYD ROGERS
ALLIE WINTER



Administrator
TIM O'BRIANT
City Clerk
DONNA F. OWEN

AGENDA
CITY OF PICKENS
SPECIAL CALLED MEETING
Thursday MARCH 28, 2024
5:00 p.m.
CITY HALL
219 PENDLETON STREET
PICKENS, SOUTH CAROLINA

- 1. CALL TO ORDER:**
- 2. INVOCATION AND PLEDGE OF ALLEGIANCE:**
- 3. EMERGENCY PROCUREMENT TO APPROVE REPAIRS TO THE WATER PLANT'S TWELVE MILE CREEK INLET:**
- 4. ADJOURNMENT:**



To: City of Pickens Mayor, Council, and Administrator

Subject: Emergency Procurement, City of Pickens Water Treatment Plant Repairs and Rehabilitation

Mr. Mayor, Council Members, and Mr. Administrator,

In an effort to serve the citizens of the City of Pickens drinking water distribution system with a safe and dependable supply of drinking water, I recommend an emergency procurement procedure in order to prolong the operations of the Drinking Water Plant. The following items need to be addressed with urgency in an effort to avoid excessive financial burden on the City of Pickens:

Filter # 3 Rehabilitation- This includes the removal of filter media, an inspection of the underdrain system, and replacement of the filter media. Repairing the underdrain system has not yet been quoted due to the lack of visibility, however CWS and COVE utility will work to minimize cost associated with repair (estimated **\$20,000 in contingency** for filter repair). COVE utility has quoted this work at **\$60,858.00** (Quote Attached).

12 Mile Creek Intake Rehabilitation- This includes dredging of the intake structure and jetting the line that runs from the intake to the plant. This will provide additional source water to the plant and allow for greater operational flexibility, aiding in the treatment of City Lake water. COVE utility has quoted this work at **\$19,791.00** (Quote Attached).

Filter Excavation, Inspection, Media Replacement	\$60,858
Filter Repair Contingency	\$20,000
Intake Rehabilitation	\$19,791
Total	\$100,649

I recommend accepting both COVE Utility quotations with contingency to conduct this work as soon as possible. In addition, I have inquired informally about pricing to do this work from other contractors and believe these quotes to be reasonably aligned with market pricing.

While the completion of this work does not guarantee protection from other plant failures, this work will provide a significant uplift in the operations of the Water Treatment Plant. We are thankful to serve this great city and we look forward to serving you further.

Sincerely,

Drew Langston
State Director
ClearWater Solutions (CWS)



December 5, 2023

Clearwater Solutions
600 Red Hill Rd
Pickens, SC 29671
ATTN: Drew Langston

Pickens WTP Filter #3 Media Replacement Proposal REV1

Project Name: Pickens WTP Filter #3 Media Replacement
Proposal Number: 23-608
Project Address: 600 Red Hill Rd
Pickens, SC 29671

A. Basis for Pricing:

- Site visit by Jeff & Drew

B. Scope of Work:

Base Scope

- Project is split into to separate mobilizations.
- Owner to remove the filter from service and drain.
- Cove to utilize a vacuum truck to remove all filter media (~30") from on top of the underdrains.
- Cove to wash down filter interior
- If Cove is readily able to access under the underdrains, then Cove to vac any media present there.
- Cove to legally dispose of filter media offsite.
- Cove to perform an underdrain inspection and consult with the owner on potential solutions.
- Cove to demobilize while solutions are discussed and any repairs performed (excluded from this proposal).
- Cove to remobilize after filter repairs.
- Cove to supply 7" of filter sand (.40-.50mm UC 1.65) and 20" of filter anthracite (1.00-1.10mm UC 1.7) with a 5% skimming waste allowed for the 15'x18' filter #3.
 - Approx. 180 cf of filter sand and 474 cf of anthracite, delivered in 3,000 lb super sacks.
 - Cove to supply all certified gradation and material testing data sheets on new media.
- Cove to load media and utilize an eductor system to install media in existing filter #3.
 - Cove will attempt to layer media evenly but owner should plan backwashing to uniformly separate media in the filter.
- Cove to provide support labor for owner to backwash and skim filter and disinfect as needed in order to return the filter to service.
- *All management, supervision, and general conditions*
- *All construction & safety equipment as required to perform scope of work*

Unlimited General Contractor SC-#G124509 NC-#100049
2541 N Pleasantburg Drive, Ste 106
Greenville, SC 29601



Alternate Deduct – Reuse filter media

- *This alternate is provided for informational purposes as it is strongly recommended by Cove & our filter equipment suppliers to not reuse filter media of this age. That is because during the vacuuming out and educting back in to the filter, the media will unavoidable suffer damage from the friction of the process. This often results in media of the wrong gradation and too many fines which in addition to not filtering water properly opens up the possibility to blind off and damage the filter underdrains. Case studies of reinstalling media issues can be provided.*
- Existing media removed from the filter to be placed on a tarp onsite instead of disposed of.
- Existing media to be loaded with a skid steer into the eductor hopper.
- No new media is provided. Make up media would likely be needed as volume losses are inevitable.

C. Clarifications:

- Assumes Cove can utilize existing hydrant water supply on site for eductor.
- Media supersacks to disposed of in owner existing dumpster.
- Payment terms, 100% Net 30-days from invoicing.

D. Exclusions:

- 3rd party filter media testing. *If desired can be provided for an additional cost.*
- Repairs to the existing filter system.
- Engineering and/or design work
- Treatment process performance guarantees
- Existing structure condition guarantees
- Electrical, SCADA, controls and/or integration work
- Permitting and/or DHEC compliance
- Material and/or geotechnical testing

E. Furnished by Others:

- Removal and return of filter from service.
- Media skimming and disinfection.



F. Schedule:

Work is anticipated to take approximately 2 days to complete after material delivery and mobilization. Filter media current lead time is 3-4 weeks after release.

G. Pricing Breakout:

Supply of new filter media	\$ 22,877
Removal, disposal of media and underdrain inspection	\$ 20,654
Installation of new filter media	\$ 17,327

TOTAL COST: **\$60,858.00**

Pricing will be valid for thirty (30) days from date listed on page one (1) of this proposal. The scope of work is provided as explicitly stated and does not include additional work for unknown existing conditions. Breakout pricing above, if present, is provided for schedule of values purposes only. This proposal is priced as a single full and complete project, any scope adjustments will be subject to repricing.


ALTERNATES: (initial selected options):

ACCEPTED	DESCRIPTION	VALUE
	#1: Deduct to reuse and reinstall existing filter media (not recommended)	(\$ 25,536)

I and everyone at Cove Utility sincerely thank you for giving us the opportunity to submit this proposal. We look forward to discussing this proposal with you further and answering any questions you may have.

Respectfully,

Jeff Caffery
 Cove Utility
jeff@coveutility.com
 (864) 505-5017

Submitted By: X  Jeff Caffery 12/05/2023
Signature Name Date

Accepted By: X _____
Signature Name Date



February 14, 2024

Clearwater Solutions
600 Red Hill Rd
Pickens, SC 29671
ATTN: Drew Langston

Pickens WTP Intake Structure Dredging

Project Name: Pickens WTP Intake Structure Dredging
Proposal Number: 24-502
Project Address: 600 Red Hill Rd
Pickens, SC 29671

A. Basis for Pricing:

- Site visit by Jeff & Drew

B. Scope of Work:

Base Scope – Clear Intake Structure

- Cove to supply & install a steel plate to go in the existing frame grooves directly behind the influent screen on the intake structure.
 - This will partially isolate the intake structure from the creek.
- Cove to mobilize a vacuum truck to suck out existing sediment built up in the bottom of the intake structure.
 - Removed sediment & creek water to be dumped on the field adjacent to the intake structure.
- Cove to remove sediment down to the concrete bottom of the existing intake structure.
- Does not include removing sediment that may or may not be present inside of the existing raw water intake line between the intake structure and the WTP.
 - See below add alternate for option to jet existing raw water line.
- Cove to remove steel plate and equalize intake structure with the creek, returning to service.
- *All management, supervision, and general conditions*
- *All construction & safety equipment as required to perform scope of work*
- *Standard one year labor and workmanship warranty.*

Add Alt #1 – Daily Jet Raw Water Line

- Assumes this work will be performed during the same mobilization, directly after the base scope.
- Below scope is offered on a daily basis rate as the condition of the existing raw water pipe is unknown and the feasibility of jetting is dependent on the existing conditions.
- Cove to utilize the vacuum truck jet system to feed the jet from the intake structure in the raw water pipe to the WTP building.
 - Approximately ~400' of jetting line from intake structure to WTP VT pump cans.
 - Bends, debris or other irregularities may inhibit fully jetting the line.
- Cove to remove sediment from the existing intake structure that is blown back by the jet system.

Unlimited General Contractor SC-#G124509 NC-#100049
2541 N Pleasantburg Drive, Ste 106
Greenville, SC 29601



- *All management, supervision, and general conditions*
- *All construction & safety equipment as required to perform scope of work*
- *Standard one year labor and workmanship warranty.*

C. Clarifications:

- Assumes existing intake structure and pipe are in serviceable condition.
- Payment terms, 100% Net 30-days from invoicing.

D. Exclusions:

- Removal of sediment outside the intake structure or past the isolation steel plate.
- Repairs to the existing intake structure.
- Engineering and/or design work
- Treatment process performance guarantees
- Existing structure condition guarantees
- Electrical, SCADA, controls and/or integration work
- Permitting and/or DHEC compliance
- Material and/or geotechnical testing

E. Schedule:

Base scope of work is anticipated to take approximately 2-3 days to complete after material delivery and mobilization.

