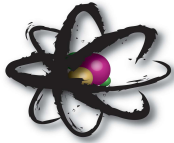


**Riviera Beach
Filter Rehabilitation - Phase I
Engineering Fee Summary**

Task	Task Description	Officer	E6	E2	CAD	Admin 2	Admin 1	Total Labor	*Sub-Consultant Services	Sub-Consultant
		\$208.80	\$203.12	\$107.30	\$110.20	\$80.65	\$56.75			
1	Engineering									
	Project Management									
	Project Management/Coordination	8	36	72		20	20			
	Filter Rehab Preliminary Design									
	Drawings		24	120	140					
	Site Visit/Inspection Prior to Media Removal		8	12						
	Material Purchase/Equipment Selection	2	12	24			2			
	Design Review Meetings	2	8	8			4			
	Filter Inspection (4 initial filters)		8	16						
	Filter Inspection (4 additional filters)		8	16						
	Filter Repair Recommendations	4	16	8					\$1,000	JWE
	Filter Rehab Technical Memorandum	4	12	20			2			
	Filter Underdrain Inspection w/Leopold Rep & Minor Repair (per 2 Filters)		6	8			2		\$5,000	MTS
	Filter Underdrain Inspection w/Leopold Rep & Minor Repair (per 2 Filters)		4	8					\$5,000	MTS
	Filter Underdrain Inspection w/Leopold Rep & Minor Repair (per 2 Filters)		4	8					\$5,000	MTS
	Filter Underdrain Inspection w/Leopold Rep & Minor Repair (per 2 Filters)		4	8					\$5,000	MTS
	Filter Below Underdrain and Valve Condition Inspection (Base EI Removed) One Filter		4	8						
	Filter Below Underdrain and Valve Condition Inspection (Base EI Removed) Seven Additional Filters		14	35						
	Filter Rehab Final Design									
	Site Visit/Inspection		8	8						
	Mechanical Drawings/Specifications		16	40	50					
	Design Review Meeting		4	6			4			
	Filter/Controls Inspection/Review									
	Filter/Underdrain Inspection South Bank		8	8			2		\$1,500	MTS
	South Bank Filter Repair Recommendations	4	12	20						
	South Filter Bank Repair TM	2	16	24			4			
	Filter Controls Inspection		12	12					\$6,000	CC
	Filter Controls Recommendations	2	16	16					\$2,200	HEE
	Filter Controls Improvements TM	2	12	16						
	Subtotal Task 1	30	272	521	190	20	40	\$142,237	\$30,700	
2	Services During Construction									
	SDC Project Management	6	20	48		8	8			
	Submittal Review		8	32			8			
	Construction Site Inspections (1st 4 Filters) Includes ARVs and Instrument Tubing Mods		24	64						
	Construction Site Inspections (2nd 4 Filters)		16	64						
	Construction Site Inspections Filter 5		12	24						
	Construction Meetings		16	16						
	Construction Interpretations, Changes, RFIs	6	30	20			8			
	Startup (1st 4 Filters)		8	16						
	Startup (2nd 4 Filters)		4	16						
	Startup Filter 5		8	8						
	O & M Manual (New Equipment)			8			2			
	Record Drawings		8	24	24		4			
	Subtotal Task 2	12	154	340	24	8	30	\$75,261	\$0	
	Total Labor Hours	42	426	861	214	28	70			
	Labor Costs	\$8,769.60	\$86,529.12	\$92,385.30	\$23,582.80	\$2,258.20	\$3,972.50	\$217,498		
	Labor Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
	Total Labor Cost	\$8,770	\$86,529	\$92,385	\$23,583	\$2,258	\$3,973	\$217,498		
	Subconsultant Total								\$30,700	
	Subconsultant Multiplier								1.1	
	Subcontract Total Labor								\$33,770	
	Expenses								\$3,000	
	ENGINEERING TOTAL								\$254,268	



C. C. CONTROL CORP.

5760 CORPORATE WAY, SUITE 100
WEST PALM BEACH, FLORIDA 33407

PHONE: 561 293-3975

FAX: 561 293-3976

CUSTOMER: GLOBALTECH

ATTN: DAVID
PHONE:

PROJECT: FILTER INSTRUMENTATION/CONTROL INSPECTION
CITY OF RIVIERA BEACH WATER TREATMENT PLANT

DATE: 1/28/2021

<u>DESCRIPTION</u>	<u>QUAN</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
C. C. CONTROL CORP. PROPOSES TO FURNISH THE FOLLOWING COMPLETE			
ITEM NO. 1 <u>FILTERS NO.1 THRU NO.16</u> EXIST. INSTRUMENTATION AND CONTROL INSPECTION	40	\$150.00	6000.00
NOTE!! 1) INSPECTION NOT TO EXCEED 40 HOURS. 2) C.C. CONTROL CORP. WILL NEED ASSISTANCE FROM A WTP TECH OR PREFERRABLY MR. DAVID DANFORD			
		TOTAL	6000.00

SELL: \$6,000.00 PLUS TAX IF APPLICABLE

FOB: JOB SITE
DEL: 2-4 WEEKS
AFTER PURCHASE ORDER

TERMS: NET 30 DAYS
(SUBJECT TO CREDIT APPROVAL)

WARRANTY: ALL WARRANTIES SHALL EXPIRE ONE (1) YEAR FROM DATE OF START-UP FROM SELLER TO BUYER UNLESS SPECIALLY INDICATED OTHERWISE AND WILL BE NULL AND VOID UNLESS MATERIALS ARE STORED UNDER PROPER CONDITIONS DETERMINED BY C.C. CONTROL CORP.

LUIS L. GARCIA

David Schuman

Subject: Riviera Beach - Filter Media Costs

From: Jackie Varley <jvarley@klenzoidequipment.com>

Sent: Tuesday, January 12, 2021 3:49 PM

To: Pranoti Kikale <pkikale@globaltechdb.com>

Subject: RE: Riviera Beach - Filter Media Replacement

Hello,

Please see below for the pricing you requested.

4,456 CF	Anthracite .95 – 1.05 UC1.3	\$12.00/CF
OR		
4,456 CF	Anthracite .95 – 1.05 UC1.4	\$10.25/CF
2,232 CF	Silica Sand .45 - .55mm	\$6.75/CF
1,126 CF	1/8 x 1/16 Gravel	\$6.25/CF
408 CF	¼ x 1/8 Gravel	\$6.25/CF
408 CF	½ x ¼ Gravel	\$6.25/CF
408 CF	¾ x ¼ Gravel	\$6.75/CF

Shipment: 3-4 Weeks ARO

Shipping Terms: FOB: Circleville, OH

Estimated Freight Costs for Half of Shipment: \$24,750.00*

(*For 2,228 CF of anthracite, 1.116 CF of sand, 563 CF of 1/8 x 1/16 gravel and 204 CF of each of the other three gravels.)

Payment Terms: Net 30 Days

Please let me know if you have any questions.

Kindest Regards,

Jackie Varley- Account Manager

Klenzoid Equipment Company

435 Devon Park Drive

Bldg. 800 – Suite 802

Wayne, PA 19087

Toll Free: (800) 345-6365

Phone: (610) 825-5390

Mobile: (267) 640-7373

Fax: (610) 825-0218

Email: jvarley@klenzoidequipment.com

Hours: M-F 9am-5pm EST

RB WTP
Filter Rehabilitation
Filter Media Cost (North Filter Bank, 8 Filters)
February,2020.

Item	Depth (in)	Filter Bay Length (ft)	Filter Bay Width (ft)	Filter Bay Quantity (CF)	Quantity Per Filter (CF)	Total Quantity (CF)	Pricing Unit	Price Each	Estimated Cost Per Bay	Estimated Cost Per Filter	Total Number of Filters	Total Estimated Budget Cost
Gravel (1/2-3/4)	3	19	16	76.00	91.20	729.60	CF	\$6.75	\$615.60	\$615.60	8	\$4,924.80
Gravel (1/4-1/2)	3	19	16	76.00	91.20	729.60	CF	\$6.25	\$570.00	\$570.00	8	\$4,560.00
Gravel (1/8-1/4)	3	19	16	76.00	91.20	729.60	CF	\$6.25	\$570.00	\$570.00	8	\$4,560.00
Gravel (1/16-1/8)	4	19	16	101.33	121.60	972.80	CF	\$6.25	\$760.00	\$760.00	8	\$6,080.00
Sand	13	19	16	329.33	395.20	3161.60	CF	\$6.75	\$2,667.60	\$2,667.60	8	\$21,340.80
Anthracite	21	19	16	532.00	638.40	5107.20	CF	\$10.25	\$6,543.60	\$6,543.60	8	\$52,348.80
Total Cost											8	\$93,814.40

David Schuman

Subject: Filter Trough Costs

From: Eric Peters <epeters@mts-florida.com>
Sent: Monday, February 8, 2021 2:01 PM
To: Pranoti Kikale <pkikale@globaltechdb.com>
Subject: RE: Filter Media Recommendation

Hi Pranoti-

Apologies for the delay.

For 4 filters:

- Three (3) troughs per filter cell with supports
- Each trough 18" x 21" x 19'-0" long

Budget price is approximately \$97,000.

Thanks,

Eric Peters, PE
MTS Environmental
941-773-5051
www.mts-florida.com

David Schuman

Subject: FW: Riviera Beach WTP - Filter Rehabilitation

From: Eric Peters <epeters@mts-florida.com>
Sent: Monday, January 25, 2021 4:30 PM
To: Pranoti Kikale <pkikale@globaltechdb.com>
Subject: RE: Riviera Beach WTP - Filter Rehabilitation

Hi Pranoti –

The nozzles would be \$5,000 for 4 filter cells and \$10,000 for 8 filter cells.
Let me know if you need anything else.
Thanks,

Eric Peters, PE
MTS Environmental
941-773-5051
www.mts-florida.com

From: Eric Peters <epeters@mts-florida.com>
Sent: Friday, January 22, 2021 9:22 AM
To: Pranoti Kikale <pkikale@globaltechdb.com>
Cc: David Schuman <dschuman@globaltechdb.com>
Subject: RE: Riviera Beach WTP - Filter Rehabilitation

Hi Pranoti –

Attached is a Budget Proposal from Leopold for your review.

Option 1 (4 Filters)

Media:	\$65,000 total (~\$14.25/cf)
Pallets (Optional):	\$4,000 total
Sweeps w/ bearings:	\$57,000 total
Bearings only (Optional):	\$12,000 total

Option 2 (8 Filters)

Media:	\$125,000 total (~\$13.70/cf)
Pallets (Optional):	\$8,000 total
Sweeps w/ bearings:	\$114,000 total
Bearings only (Optional):	\$24,000 total

Let me know if you have any questions.
Thanks,

Eric Peters, PE
MTS Environmental
941-773-5051
www.mts-florida.com

David Schuman

Subject: RB - Filters Underdrain Cost
Attachments: I19308 Leopold Filtration Equipment REV05 3-16-21.pdf

From: Eric Peters <epeters@mts-florida.com>
Sent: Tuesday, March 16, 2021 4:20 PM
To: Pranoti Kikale <pkikale@globaltechdb.com>; David Schuman <dschuman@globaltechdb.com>
Subject: RE: RB - Filters Underdrain Cost

Attached is the revised proposal with 4 service trips as discussed. Summary of what's included:

- 304 sq. ft. of Type XA underdrain for 1 filter cell
- I.M.S. 200 media retainers
 - NOTE: Leopold recommends 3" of torpedo sand (0.80-2.00 mm) to be placed on top of the media retainer prior to sand placement due to the lime softening process of the plant.
- twelve (12) days (8 hr/day) on site in four (4) trips
- freight
- No taxes

Budget price is \$68,500.

Let me know if you have any questions.

Thanks,

Eric Peters, PE
MTS Environmental
941-773-5051
www.mts-florida.com



1888 NW 22nd Street
(954) 975-0098

Pipe Inspection & Restoration Specialist

Pompano Beach, FL, 33069
shenandoahus.com

DATE: February 01, 2021
SUBMITTED TO: Globaltech, Inc
STREET: 6001 Broken Sound Parkway NW
Suite 610
CITY, STATE & ZIP: Boca Raton, FL 33487
PHONE: (561) 997-6433
FAX: (561) 997-5811
EMAIL: jjoseph@globaltechdb.com
JOB NAME: Riviera Beach Treatment Plant
ATTENTION: Joshy Joseph

PROPOSAL #P20526

We propose to furnish a crew and all necessary equipment to 2 vac with 2 extra laborers with flex to remove filter media from 4 basins, 19' L X 16' W with 48" of media and disposal of material at Homestead at the above mentioned job location. This work will be performed at our following hourly and/or unit prices:

Jet Vac Truck (Tandem Axle) X 2Vac,2 Pickup and 2 extra laborers	(at \$8,200.00 Per Day)	10 day(s)	\$82,000.00
Flex Hose 6" Hard flex	(at \$21.00 Per L.F.)	200 L.F.	\$4,200.00
Flex Hose 6"	(at \$2.25 Per L.F.)	400 L.F.	\$900.00
Disposal	(at \$350.00 Per Truck Load)	13 truck load(s)	\$4,550.00
Estimated Total:			\$91,650.00

NOTE: One way travel time for all hourly vehicles listed above. Three hour minimum. This proposal includes removal of all loose debris from the structures only. Pipe/s not included. (excluding hazardous waste), if non-hazardous contaminated liquids or soils are encountered, such as oil, gas, fuel, hydraulic oil, etc., the customer will be required to have the material analyzed, by an approved lab, then approved by a disposal facility, prior to Shenandoah transporting and disposing of the material, additional cost for specialty hauling and disposal will be applied to the invoice, along with documented receipt.. However, we are not responsible for problems occurring during or after cleaning due to pre-existing condition, original installation or design.

This proposal may be withdrawn if not accepted within 30 days. Payment terms are COD (cash delivery) or Credit Card payment prior to job scheduling.

(If we encounter an Insurance compliance fee requirement, this fee will be invoiced in addition to the above rates.)

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Price above is only an estimate of foreseen conditions. Unforeseen conditions can affect the amount of time to complete the work, therefore increasing or decreasing estimate. All agreements are contingent upon strikes, accidents or delays beyond our control. Unless noted above engineering, permits, testing and bonds are not included in the pricing. Owner is to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. Parties to this proposal/contract expressly waive all tort claims against each other and limit their remedies to breach of contract.

SIGNATURE:

SHENANDOAH GENERAL CONSTRUCTION CO.
Jose Vera

TITLE
Estimator

DATE
02/01/2021

ACCEPTANCE OF PROPOSAL / SIGN & RETURN

The above prices, specification and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

SIGNATURE: _____

COMPANY NAME:
REPRESENTATIVE:

DATE:
TITLE: