


DATE SUBMITTED January 30, 2019
 SUBMITTED BY Public Services
 DATE ACTION REQUIRED February 6, 2019

COUNCIL ACTION
 PUBLIC HEARING REQUIRED
 RESOLUTION
 ORDINANCE 1ST READING
 ORDINANCE 2ND READING
 CITY CLERK'S INITIALS



**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: <div style="margin-left: 100px;"> 1. Discuss, Approve Quote from ERS Industrial Services for filter services for gravity filters located at 201 South B St. </div>	
DEPARTMENT INVOLVED:	
BACKGROUND/SUMMARY: 2004 was the last time the filters were maintenance. The Region Water Quality Control Board Dept. of Drinking Water recommends filters are serviced and worked on every 10 years.	
FISCAL IMPACT: \$15,182.32 100% Water	FINANCE INITIALS _____
STAFF RECOMMENDATION: Approval	DEPT. INITIALS _____
MANAGER'S RECOMMENDATION: n/a	CITY MANAGER'S INITIALS  _____
MOTION:	
SECONDED: AYES: NAYES: ABSENT:	APPROVED (DISAPPROVED (REFERRED TO:
	REJECTED (DEFERRED (



December 7, 2018

Jackie Loper
City of Imperial
400 South Imperial Ave.
Imperial, CA 92251

QUOTE #: IMP120718-1Q

PHONE #: 760-355-3336

EMAIL ADDRESS: jloper@cityofimperial.org

Mr. Loper:

ERS is pleased to submit its proposal for our Filter Surveillance services for the four (4) gravity filters located at 201 South B Street Imperial, CA 92251.

Standard Provisions

1. Qualified manpower:
 - a. Onsite Supervisor/Environmental Technician/Hole Watch
 - b. Certifications in Forklift/Reach Lift, Crane Operator, Confined Space & Rescue, and First Aid/CPR/AED
2. Equipment and PPE:
 - a. Ventilation fan for air circulation
 - b. Four gas monitors for pre-entry and continuous LEL testing
 - c. Air-purifying respirators (supplied air respirators available if required)
3. Safety Regulations:
 - a. Confined Space:
 - i. Tripod/winch for emergency evacuation
 - ii. Fall arrest harnesses with safety lanyards for all men
 - iii. Permit-required confined space entry permits as applicable
 - iv. Daily monitoring log
 - b. 2-Way radios for communication with in-tank personnel
 - c. Cellular phone as an emergency response tool
4. New media as follows:
 - a. None



PRICING: \$15,182.32

Quote Valid for 45 days

Our time and materials work is billed at \$180.00 per man-hour, straight time, plus materials with a 25% margin. Price includes all applicable sales tax.

Please feel free to call me should you need further information or any clarification. My cell phone is (408) 834-3804; office is (510) 770-0202.

Sincerely,

Bradford Radonich
Filter Surveillance Manager

Dear Customer,

Upon acceptance of this Quotation, please complete the attached Project Information Sheet and return a signed copy of the entire Quotation Package via fax or e-mail to:

F: (510) 770-3024

E: kbyers@ersfilter.com

ERS Industrial Services, Inc.
General Engineering Contractor – Class A
Painting and Decorating Contractor – Class C33
CSLB License #724233
Registered DIR Public Works Contractor
PCWR #1000003275

WE THANK YOU FOR YOUR BUSINESS!

ERS Industrial Services, Inc.

Products and Services

ERS Industrial Services Inc. is a privately-owned general engineering contractor specializing in turn-key media change-out, coatings, and repairs of gravity and pressure vessels in the Water and Waste Water industries. We also repair and upgrade other systems associated with water operating systems including clarifiers, primary sedimentation tanks, aeration basins, manholes, and pump stations. The following are products and services we offer to the water treatment industry.

Centralized inventory of all common media:

- Anthracite
- GAC
- Resin
- Silica gravel
- Garnet
- Sand

Specialized Coatings:

- Standard and high build epoxies
- Elastomeric coatings
- Hi-Pressure water blasting
- Bypass solutions
- Secondary containments

Specialty Trained Personnel

- Confined space entry & rescue
- BATT and TWIC certified
- First AID CPR
- DIR certified
- Class A and C33 license

Repair and upgrade pressure vessels and gravity filters:

- Wedge wire underdrains
- Wash arms, PVC laterals
- Valving & controls
- Custom fabrication of piping
- Plastic block underdrains
- Clay tile underdrains
- Air scour systems

Concrete Restoration:

- Crack injection
- Spall repairs
- Expansion joints
- Elastomeric and Epoxy coatings
- Manhole coatings

Filter surveillance:

- Scheduled annual field evaluations
- Lab testing of media
- Coatings evaluation
- Floc & Turbidity testing

ERS Industrial Services, Inc.

2120 Warm Springs
Ct. Fremont, CA
94539
Phone: (510) 770-0202
Fax: (510) 490-3024
Sales@ersfilter.com



INDUSTRIAL SERVICES, INC.

FILTER SURVEILLANCE PROGRAM FOR GRAVITY FILTERS

ERS Industrial Services, Inc. offers customers a complete Filter Surveillance Program for their gravity filters.

The ERS Program consists of the following procedures:

1. General visual filter inspection, including interior wall cleanliness and mud ball formation
2. Visual inspection of media for mounding and any depressions/holes that may indicate an underdrain problem
3. Check filter bed expansion
4. Perform surface mapping of support gravel beds, to indicate any displacement
5. Check freeboard measurements
6. Coring of media to facilitate appropriate testing
 - A. Flocculation Retention Testing
 - B. Sieve Analysis for Sand, Anthracite or Carbon
7. Record sand and Anthracite media bed depths
8. Record interface between filter medias
9. Backwash filter and check for rooster tailing, media boiling or other characteristics
10. Perform Backwash Turbidity Profile Sampling
11. Visual inspection of Surface Wash
12. Provide customer with a complete report on the findings of the inspection

Customer to provide the following:

1. Drain the first filter to be inspected prior to ERS's arrival (DO NOT BACKWASH)
2. Plant Operator on site to perform operational functions as required
3. Provide drawing(s) of filter(s) for inspection (including filter bed design) to ERS prior to arrival at the job site
4. Allow ERS access to as many off line filters as possible and indicate that number when we are quoting to perform the inspection