

DATE SUBMITTED 01/12/2022
 SUBMITTED BY Public Services
 DATE ACTION REQUIRED 01/19/2022

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

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: Engineering & Construction Services	DISCUSSION/ACTION: 1. Discuss, Approve/Disapprove proposal for Engineering & Construction Services from Webb Associates for Filter Complex Pipe Corrosion Project.
DEPARTMENT INVOLVED: Water Treatment Plant	
BACKGROUND/SUMMARY: City Staff recently discovered areas of corrosion on the existing filter piping located inside the filter complex at the Water Treatment Plant. The corrosion is found on the 16-inch filter effluent piping. Due to the time constraints of the WTP Clearwell Pump Station Project, we are requesting to separate the pipe replacement to expedite repairs needed. Webb will be providing Construction & Engineering services for this separation.	
FISCAL IMPACT: \$26,960.00 – Water Bond	FINANCE INITIALS <u>AK</u>
STAFF RECOMMENDATION: Approve	DEPT. INITIALS <u>JL</u>
MANAGER'S RECOMMENDATION: <u>approve</u>	CITY MANAGER'S INITIALS <u>JRM</u>
MOTION: SECONDED: AYES: NAYES: ABSENT:	
APPROVED () REJECTED () DISAPPROVED () DEFERRED () REFERRED TO:	



January 12, 2022

Corporate Headquarters

3788 McCray Street
Riverside, CA 92506
951.686.1070

Palm Desert Office

36-951 Cook Street #103
Palm Desert, CA 92211
760.568.5005

Murrieta Office

41391 Kalmia Street #320
Murrieta, CA 92562
951.686.1070

Mr. Jackie Loper
Public Services Director
City of Imperial
420 S. Imperial Avenue
Imperial, CA 92251

RE: Change Order Request – Filter Complex Pipe Corrosion

Dear Jackie,

As discussed, please review this change order request for the Filter Complex Pipe Corrosion issue.

Filter Complex Pipe Corrosion

City Staff recently discovered areas of corrosion on the existing filter piping located inside the filter complex at the Water Treatment Plant. The corrosion is found on the 16-inch filter effluent piping as it passes through the floor in four (4) locations and on the 18-inch backwash pipe, which runs horizontally 12' above the floor. Evaluation and Modifications for this project are as follows:

1. Webb to perform a site visit to evaluate the areas of corrosion.
2. Coordinate with the City and create a replacement plan for the 16-inch filter effluent complex piping that will also be compatible with the proposed WTP Clearwell Pump Station replacement project and prepare a separate bid package for the work.
3. Provide construction management services including:
 - a. Responding to bidder's questions
 - b. Prepare Addenda
 - c. RFI and Submittal review
 - d. Field inspection
 - e. Engineering services during construction

Schedule and Compensation

It is anticipated that the bid package will be ready within 2 weeks from notice to proceed. These services will be included under the work order for the current WTP Clearwell Pump Station Replacement Project. Costs associated with the work described herein is \$26,960, resulting in a revised total for the WTP Clearwell Pump Station Replacement Project of \$244,618 and a revised contract total of \$660,590. A breakdown of the fee is included in the attached spreadsheet.

We thank you for the opportunity to continue working with the City of Imperial on these critical projects. Should you have any questions, please contact me at (951) 686-1070.

Sincerely,
ALBERT A. WEBB ASSOCIATES

Shane Bloomfield, P.E.
Senior Engineer

Cc: Brian Knoll, WEBB



www.webbassociates.com

MANPOWER AND FEE ESTIMATE
CITY OF IMPERIAL

Proposal for Design Engineering Services for:
Filter Complex Pipe Corrosion

Task	Personnel Hours				Budget ⁽¹⁾	
Description	Principal Engineer	Senior Engineer	Associate Engineer	Project Coordinator	Total Hours	Labor
Task 1 - Filter Complex Pipe Corrosion						
1.1 - Site Visit		6			6	\$ 1,260
1.2 - As-built Review	2	4		1	7	\$ 1,425
1.3 - Prepare Contract Documents	2	12	24	6	44	\$ 7,730
1.4 - Bid Support	2	6	4	4	16	\$ 2,800
1.5 - Construction Management	4	8	12	4	28	\$ 5,120
1.B - Subcontractor - Inspection						\$ 8,625
TOTAL BUDGET	10	36	40	15	101	\$ 26,960

⁽¹⁾The amounts indicated for each individual project task are estimated budget amounts and accordingly the actual amounts may be more or less than shown. However, the total budget will not be exceeded without written authorization from the City.