

May 2, 2024

Attn: Mr. Thuy Nguyen, PE
City of Riverside Public Works Department, Engineering Division
3900 Main Street
Riverside, CA 92522

Subject: Dexter and Fairgrounds Lift Station Final Design Services for Inline Overwatch System

Dear Mr. Nguyen:

As discussed with you, LEE + RO is pleased to submit this proposal for preparing final design engineering services for two (2) lift stations: Dexter LS and Fairgrounds LS. The two designs will be based on the In-Line Overwatch System per the City's request. The final design will expand on current preliminary research efforts and will consist of new 90% and 100% submittals. Both designs assume that the existing lift stations will be demolished, and the new upgraded lift stations will be constructed in their place.

Please note that based on our conversation with you, the Overwatch based system will not have 2 hours of physical storage for the wastewater. Instead, battery storage capacity to provide a minimum of two hours of pumping capacity will be provided during SCE power outage event.

The proposed tasks requested for authorization per each lift station include the following:

1. Project Management, Administration, and QA/QC for the duration of the project.
2. Preparation of final design documents for two (2) separate lift stations. Final design will include calculations, hydraulic analyses, and vendor coordination for the desired Overwatch system.
3. Preparation of construction ready drawings for the alternatives identified including site, mechanical, and electrical layouts at the 90 and 100% submittal phases including associated technical specifications.
4. Preparation of preliminary engineering estimates of probable construction costs.

FEE

LEE + RO proposes a total not-to-exceed fee of **\$142,546**. We have enclosed a fee breakdown for the proposed work as **Exhibit A**. Thank you for this, and every opportunity. If you have any questions, please feel free to contact me via email at dhiru.patel@lee-ro.com or (626) 667-5309. We are including the Opinion of Probable Construction Costs for both the stations based on the current design we have and the Overwatch system that will help you understand the cost savings that the City can realize using the Overwatch system.

Respectfully submitted,



LEE + RO, Inc.
Principal-In-Charge / Chief Executive Officer
Dhiru.Patel@lee-ro.com

Enclosures: Exhibit A Manhours and Fee Breakdown and Opinion of Probable Construction Costs

Exhibit A: Request for Optional Services Fee Breakdown
City of Riverside, Dexter and Fairgrounds Sewer Lift Station Replacement Project

5/2/2024

Labor Category, E8 Managing Engineer, E7 Supervising Engineer, E5 Senior Engineer, E4 Engineer, E3 Associate Engineer, E2 Assistant Engineer, T4 Designer, T2 Assistant Designer, A1 Administrative Assistant/Word Processor	E8	E7	E5	E4	E2	T4	T2	A1	Total Hours	Total Labor	Other Direct Costs	Sub-Consultant Fees	TOTAL
	\$305	\$273	\$205	\$189	\$126	\$155	\$115	\$91					
Project Tasks													
Task 1: Dexter LS Design Services													
1. Project Management, Coordination, and QA/QC	6			6				6	18	\$3,510			\$3,510
2. Preliminary Design, Calculations, and Vendor Coordination	2		4	12	8				26	\$4,706			\$4,706
3. Prepare Final Design Documents													
3.b Submit 90% Design Plans and Specs	10	20	20	60	20	60			190	\$35,770			\$35,770
3.c Submit 100% Design Plans and Specs	2	8	8	16	16	40			90	\$15,674	\$500		\$16,174
4. Prepare Specifications and Opinion of Probable Construction Costs	2			16	24			8	50	\$7,386			\$7,386
Subtotal Task 1, Dexter LS Design Services	22	28	32	110	68	100	0	14	374	\$67,046	\$500	\$0	\$67,546
Task 2: Fairgrounds LS Design Services													
1. Project Management, Coordination, and QA/QC	8			8				8	24	\$4,680			\$4,680
2. Preliminary Design, Calculations, and Vendor Coordination	2		4	12	8				26	\$4,706			\$4,706
3. Prepare Final Design Documents													
3.b Submit 90% Design Plans and Specs	16	20	24	60	24	60			204	\$38,924			\$38,924
3.c Submit 100% Design Plans and Specs	4	8	8	24	24	40			108	\$18,804	\$500		\$19,304
4. Prepare Specifications and Opinion of Probable Construction Costs	2			16	24			8	50	\$7,386			\$7,386
Subtotal Task 2, Fairgrounds LS Design Services	32	28	36	120	80	100	0	16	412	\$74,500	\$500	\$0	\$75,000
TOTAL NOT-TO-EXCEED	54	56	68	230	148	200	0	30	786	\$141,546	\$1,000	\$0	\$142,546