

**AGENDA
ITEM**

6



CITY COUNCIL
AGENDA STAFF REPORT

DATE: October 18, 2023

TO: Mayor and City Council

APPROVED BY: Esperanza Colio Warren, City Manager *Esperanza Colio Warren*

REVIEWED BY: Sandra L. Fonseca, Interim Finance Director *Sandra L. Fonseca*

PREPARED BY: Lilliana Falomir, Public Works Manager – Administrative *Lilliana Falomir*

SUBJECT: Authorize City Manager to Sign Amendment No. 3 to the Agreement of Professional Services with Lee & Ro, Inc. in the Amount of \$98,992.00 for Engineering Services for Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project for a Total Contract Amount of \$520,209.00.

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Recommendation:

Authorize City Manager to Sign Amendment No. 3 to the Agreement of Professional Services with Lee & Ro, Inc. in the Amount of \$98,992.00 for Engineering Services for Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project for a Total Contract Amount of \$520,209.00.

Background:

On September 3, 2019, the City of Calexico Public Works Department solicited proposals from qualified engineering firms to provide engineering services for Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project. The project will include sewer bypass pumping, rehabilitating sewer manholes, if necessary, installation of new manholes, replacement of existing 8-inch force main pipelines, and installing and connecting each existing sewer service laterals along the new pipeline alignment. The project design will also include the lift station upgrades, replacement of the 12-inch diameter Asbestos Cement (AC) water pipeline running north/southerly from State Hwy 98 north along Ollie Avenue, then east-westerly along Vernado Drive (10" diameter existing). The existing AC pipelines shall be abandoned in place. There is approximately 3,000 linear feet of 12-inch diameter PVC asbestos cement (AC) pipe water pipeline to be replaced. The project will include connecting each existing

water service along the pipeline routes, fire hydrants, valves and connections to existing buried water pipelines.

On November 6, 2019, the City Council of the City of Calexico authorized the City Manager to sign agreement of Professional Services with Lee & Ro, Inc. in the amount of \$366,152.00 for Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project. On April 21, 2021, the City Council authorized Amendment No. 1 in the amount of \$25,070.00 for Lee & Ro, Inc. to perform research and analyze the impact of the flow from future development on the sewer system and recommend the upgrades needed to accommodate planned land development. On January 19, 2022, the City Council authorized Amendment No. 2 in the amount of \$29,995.00 for Lee & Ro, Inc. to upgrade existing gravity system to 27", upgrade existing force main pipe to 10" and redesign lift stations to accommodate the increase in the force main size.

Discussion and Analysis:

Lee & Ro, Inc. has submitted the plans to regulatory utility agencies for review and approval. Both the Imperial Irrigation District (IID) and Bureau of Reclamation (BOR) have provided their comments and have requested modifications to the plans and specifications to comply with their standards. Additionally, Lee & Ro, Inc. has had to coordinate with vendors for the installation of a solid fence and gate around Lift Station No. 11 due to constant complaints by the property owner(s) of sewage odor. Public Works staff has reviewed Lee & Ro, Inc. Amendment No. 3 and recommends that the City Council of the City of Calexico authorize the City Manager to sign Amendment No. 3 to the Agreement of Professional Services with Lee & Ro, Inc. for engineering services for Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project.

Fiscal Impact:

Capital Improvement Program Budgeted Item for FY 2023-2024	
REVENUE	
Wastewater Enterprise Funds – 547-90-933-56000-000	\$520,209.00
Total	
EXPENDITURE	
Lee & Ro, Inc. – Original Contract	\$366,152.00
Lee & Ro, Inc. – Amendment No. 1	\$25,070.00
Lee & Ro, Inc. – Amendment No. 2	\$29,995.00
Lee & Ro, Inc. – Amendment No. 3	\$98,992.00
Total	\$520,209.00

Coordinated With:

City Manager’s Office.
Public Works Department.

Attachment(s):

1. Amendment No. 3 of Agreement of Professional Services between City of Calexico and Lee & Ro, Inc.

**AMENDMENT NUMBER 3 TO THE AGREEMENT FOR PROFESSIONAL SERVICES
BETWEEN THE CITY OF CALEXICO AND LEE AND RO, INC.**

AMENDMENT NUMBER 3 dated October 18, 2023, the agreement for professional services between the City of Calexico (“City”) and Lee and Ro, Inc. (“Consultant”) dated October 23, 2019 (the “Agreement”) concerning Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project (the “Project”).

The Consultant has entered into the Agreement with the City for the furnishing of professional services, and the parties now desire to amend the Agreement.

Therefore, it is mutually agreed that the Agreement is amended to include Additional Services to be performed by Consultant and provisions for additional compensation by the City to the Consultant, all set forth in:

Exhibit A – Amendment No. 3 dated September 27, 2023

The parties ratify the terms and conditions of the Agreement not inconsistent with this Amendment, all of which are incorporated by reference.

CITY OF CALEXICO:

CONSULTANT:

By: _____

By: _____

Title: Esperanza Colio Warren, City Manager

Title: _____

Date: _____

Date: _____

By: _____

Title: Carlos Campos, City Attorney

Date: _____

By: _____

Title: Veronica L. Alvarado, Interim City Clerk

Date: _____



Celebrating 40 years
as partners in possibility.

1199 South Fullerton Road
City of Industry, CA 91748

626-912-3391
lee-ro.com

September 27, 2023

Ms. Lily Falomir
Manager of Public Works
City of Calexico
608 Heber Ave.
Calexico, CA 92231

**Subject: Amendment 3 – Fees for Additional Work
Lift Station 9&11 Upgrades**

1200

Dear Ms. Falomir:

Based on our discussion this week, please find enclosed our cost proposal for additional engineering services required to upgrade the City's Sewage Collection System and Lift Stations No. 9 and No. 11.

The additional work consists of the following items:

1. Additional Project Management and Meetings – This consists mainly of additional coordination with the City and Regulatory Agencies/Utilities, and additional project controls.
2. Design Phase – This Phase consists of the following sub-items:
 - a. Revisions to Plans and Specifications to eliminate VFDs and use constant speed pumps. This involved considerable effort to redesign the system including a new priming system for the pumps because they were no longer using VFDs and needed an external system to be primed so that the motors did not overheat during the priming process.
 - b. Coordination with Pump Vendor to eliminate VFDs – There were a number of meetings held between the pump vendor and LEE + RO to ensure that eliminating the VFDs will still allow the lift stations to work as intended.
 - c. Modification of Plans and Coordination with Vendors for Solid Fencing and Gates – The City requested LEE + RO to redesign the fencing around LS 11 so reduce the impact of the odors on the neighborhood.
 - d. Modifications to Electrical Plans and Coordinate with Imperial Irrigation District's (IID's) Electrical Utility Division – This was required due to the numerous requests made by the IID's staff and to convert the existing aerial electrical connection to a subsurface electrical connection.
 - e. Modifications to Plans to Address Bureau of Reclamation (BOR) Permits for Canal Crossing – This work involved coordinating with the BOR to address their numerous comments on the canal crossing and modifications to plans to ensure that the BOR permit is obtained.
 - f. Additional Fees for QA-QC – This work involves QA-QC work required for the additional work items described above
3. Additional Fees for Bidding Services – This work involves the additional efforts that will be required during the Bidding Phase due to the additional work items described above.

Based on our experience with the work effort required for the sewer system upgrades, we estimate that a fee of **\$98,992** will be needed for this effort. The breakdown of the manhours and costs are shown in the Exhibits attached to this letter.

Please note that due to increase in scope to various work items throughout the design process, the estimated construction cost of the project has increased from \$4,492,369 to \$9,387,520.

Thank you for this and every opportunity. If you have any questions, please feel free to contact me via email at amritendu.maji@lee-ro.com or (626) 667-5352.

Sincerely,

Amritendu Maji

Amritendu Maji
Managing Engineer

Enclosures:

Exhibit A – Manhours and Fees

Exhibit B – Billing Rates

CITY OF CALEXICO

FEE TABLE - LIFT STATIONS 9&11 UPGRADES AMENDMENT NO. 3

9/27/2023

Labor Category: E8 Managing Engineer; E7 Supervising Engineer; E5 Senior Engineer; E4 Engineer; E2 Assistant Engineer; T4 Designer; T2 Assistant Designer; A1 Word Processor; S1 Survey Field Crew; S2 Survey Technician; S3 Survey Manager	E8	E7	E5	E4	E2	T3	A1	Total Hours	Total Labor	Other Direct Costs	Sub-Consultant Fees	TOTAL
	\$283	\$257	\$214	\$199	\$155	\$138	\$121					
Project Tasks												
Additional Project Management and Meetings												
Additional Coordination with City and Regulatory Agencies	2		4				1	7	\$1,483	\$200		\$1,683
Invoicing and Project Controls	4						8	12	\$2,100			\$2,100
Subtotal Project Management and Meetings	6	0	4	0	0	0	9	19	\$3,583	\$200	\$0	\$3,783
Design Phase												
Revisions to Plans and Specifications for Eliminating VFDs	16			60	40	24	2	142	\$26,222			\$26,222
Coordination with Pump Vendors to Redesign without VFDs	8			16	8			32	\$6,688			\$6,688
Modification to Plans and Coordination with Vendors for solid fence and gates	2		16	24	8	8	1	59	\$11,231			\$11,231
Modifications to Electrical Plans and Coordinate with Imperial Irrigation District Electric Utility Request	4		40	16	24	16		100	\$18,804			\$18,804
Modifications to Plans to Address Bureau of Reclamation Permits for Canal Crossing	8			24	40	24		96	\$16,552			\$16,552
Additional Fees for QA/QC	4	16						20	\$5,244			\$5,244
Subtotal Design Phase	42	16	56	140	120	72	3	449	\$84,741	\$0	\$0	\$84,741
Additional Fees for Bidding Services												
Additional Fees for Bidding Services Due to Increase in Project Scope	8	8		16	16		4	52	\$10,468			\$10,468
Subtotal Additional Amount	8	8	0	16	16	0	4	52	\$10,468	\$0	\$0	\$10,468
TOTAL NOT-TO-EXCEED	56	24	56	160	136	72	16	520	\$98,792	\$200	\$0	\$98,992

LEE & RO, Inc.
FY 2021 -2022 HOURLY BILLING RATE SCHEDULE - A

(Effective From November 1, 2021 to October 31, 2022)

PERSONNEL CLASSIFICATION			BILLING RATES (\$/HOUR)
ENGINEERS			
Engineer 8	E8	Managing Engineer	\$283
Engineer 7	E7	Supervising Engineer	\$257
Engineer 6	E6	Principal Engineer	\$238
Engineer 5	E5	Senior Engineer	\$214
Engineer 4	E4	Engineer	\$199
Engineer 3	E3	Associate Engineer	\$179
Engineer 2	E2	Assistant Engineer	\$155
Engineer 1	E1	Junior Engineer	\$138
CAD / DESIGNERS			
Designer 6	T6	Principal Designer	\$199
Designer 5	T5	Senior Designer	\$179
Designer 4	T4	Designer	\$155
Designer 3	T3	Associate Designer	\$138
Designer 2	T2	Assistant Designer	\$116
Designer 1	T1	Junior Designer	\$97
FIELD PROFESSIONALS			
Field Professional 5	F5	Senior Resident Engineer	\$214
Field Professional 4	F4	Resident Engineer	\$199
Field Professional 3	F3	Senior Inspector	\$179
Field Professional 2	F2	Inspector	\$155
Field Professional 1	F1	Assistant Inspector	\$138
ADMINISTRATIVE			
Administrative 4	A4	Senior Contract Manager	\$152
Administrative 3	A3	Contract Manager	\$141
Administrative 2	A2	Senior Word Processor	\$136
Administrative 1	A1	Word Processor / Admin. Assistant	\$121