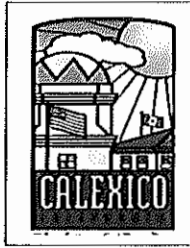


**AGENDA  
ITEM**

**20**



# AGENDA STAFF REPORT

DATE: April 21, 2021

TO: Mayor and City Council

APPROVED BY: Miguel Figueroa, City Manager *MK*

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

SUBJECT: Authorize City Manager to Sign Amendment No. 1 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

=====

**Recommendation:**

Authorize City Manager to Sign Amendment No. 1 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.

**Background:**

On September 3, 2019, the City of Calexico Public Works Department solicited proposals from qualified engineering firms to provided 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.



**Discussion & Analysis:**

Lee and Ro, Inc. has been working with City staff to prepare plans and specifications for the City's Sewer Lift Station No. 9 and 11, Sewer Collection and Water Distribution System Improvement Project. Acting City Engineer is recommending that before the plans and specification are 100% completed a study of impact of new development be performed in order to understand the impact of future development in the north east quadrant of Cole Blvd. and SR-111. Lee & Ro, Inc. will perform extensive 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.

**Fiscal Impact:**

Capital Improvement Program – Budgeted Item for FY2020-2021	
Wastewater Enterprise Fund	\$25,070.00
(547-90-933-56001-000)	
Total	<hr/> \$25,070.00

**Coordinated With:**

Public Works Department – Engineering Division

**Attachment(s):**

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

**AMENDMENT NUMBER 1 TO THE AGREEMENT FOR PROFESSIONAL SERVICES  
BETWEEN THE CITY OF CALEXICO AND LEE AND RO, INC.**

AMENDMENT NUMBER 1 dated April 21, 2021, 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. 1 dated March 15, 2021

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: Miguel Figueroa, City Manager

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Title: Carlos Campos, City Attorney

Date: \_\_\_\_\_

By: \_\_\_\_\_

Title: Gabriela Garcia, 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

3/15/2021

Mr. Jose Carlos Romero, PE  
Acting City Engineer  
City of Calexico  
608 Heber Ave.  
Calexico, CA 92231

**Subject: Amendment 1 - Additional Services for Study of Impact of New Developments  
Lift Station 9&11 Upgrades 1200**

Dear Mr. Romero:

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

Based on our experience with the work effort required for the sewer system upgrades, we estimate that a fee of \$25,070 will be needed for this effort. The breakdown of the manhours and costs are shown in the Exhibits attached to this letter. Our familiarity with the City's sewer system and this project will allow completing the work more efficiently.

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](mailto:amritendu.maji@lee-ro.com) or (626) 667-5352.

Sincerely,

*Amritendu Maji*

Amritendu Maji  
Supervising Civil Engineer

Enclosures:

Exhibit A – Scope of Services  
Exhibit B – Proposed Compensation  
Exhibit C – Man Hours, Billing Rates and ODC

**EXHIBIT "A"**  
**CITY OF CALEXICO**  
**LIFT STATIONS 9&11 UPGRADES**  
**ADDITIONAL SERVICES FOR STUDY OF IMPACT OF NEW DEVELOPMENTS**

**SCOPE OF SERVICES**

**Background**

We understand that there would be developments on the City's NE Quadrant of Cole Road and SR-111 in next future:

**A. FOUR Dormant Projects East of Wal-Mart south of the Central Main Canal:**

- A.1. Chi Properties
- A.2. La Jolla Palms
- A.3. El Portal
- A.4. Las Palmas -Oasis Condominiums

and

**B. TWO New Projects East of Sr-111 north of the Central Main Canal:**

- B.1. The Mega-Park at the SE Corner Jasper & SR-111
- B.2. Estrella Subdivision adjacent east of the Mega-Park

Sewer flow from the La Jolla Palms, El Portal, and Las Palmas Subdivisions are first lifted from the La Jolla Palms Lift Station via an 8-inch force main pipeline to an 18-inch gravity pipeline located along Scaroni Road and then travels by gravity to LS-9. Based on the information provided in the Initial Assessment Report prepared by The Holt Group, Inc. (THG), the lift station capacities are 0.36 MGD each for both lift stations LS-9 and LS-11.

With additional development in Chi properties, Mega Park, and Estrella Subdivision, The sewer flow will be exceeding the anticipated flow of 0.36MGD for LS No. 9.

The City is willing to study the impact of these developments on existing and proposed gravity sewer pipes and force mains, wet well capacity, and proposed pumps' capacity.

LEE+RO will perform extensive research and study, analyze the impact of the flow from the developments mentioned above on the sewer system and recommend the upgrades needed to accommodate planned land developments.

We propose the following tasks to ensure the sewer system will be handling the ultimate flow in the future.

**Task 1 – Research and Review of Available Information**

LEE+RO will obtain available pertinent documents from the City and land developers and review them to estimate ultimate water demand and sewer production in indicated development areas.

**Task 1 Budget = \$ 5,956**

**Task 2 – Hydraulic Calculations**

Our team will perform hydraulic calculations to determine if any revision on proposed assumptions for the new gravity sewer's size, new force main, wet well capacity, and pump size is necessary.

**Task 2 Budget = \$ 3,940**

**Task 3 – Technical Memorandum**

A Technical memorandum will be submitted to the City, including our findings, calculations, alternative improvements, and recommendations. If the LS No. 9's wet well will need more space, then alternative facility locations and/or storage augmentation will be recommended for the City's approval. The report will also include the improvements required for the existing sewer collection system south of the canal.

**Task 3 Budget = \$ 11,420**

**Task 4 – QA/QC and Revisions**

The draft version of the technical memorandum will be submitted to the City, after an extensive internal QA/QC, for review and comments. Our team will address all the City's comments and submit the final technical memorandum.

**Task 4 Budget = \$ 3,754**

The outcome of the technical memorandum will be the basis for the continuation of the project. Any revisions on the current design resulting from this study may require the original design fee augmentation. At the City's request, additional services beyond the original Scope of Work and this Amendment's Scope of Work may be provided by LEE+RO based upon a mutually agreed-upon scope and fee.

**EXHIBIT "B"**  
**LIFT STATIONS 9&11 UPGRADES**  
**ADDITIONAL SERVICES FOR STUDY OF IMPACT OF NEW DEVELOPMENTS**  
**PROPOSED COMPENSATION**

The work described under Exhibit "A" for the [insert Project Name] Project is proposed to be completed on a time and materials basis for the not-to-exceed fee of \$ 25,070, as summarized below and shown in attached Table 1.

<b>Task</b>	<b>Description</b>	<b>Amount</b>
1	Research and Review of Available Information	\$ 5,956
2	Hydraulic Calculations	\$ 3,940
3	Technical Memorandum	\$11,420
4	QA/QC and Revisions	\$ 3,754
	<b>TOTAL AMOUNT</b>	<b>\$25,070</b>