



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Adopt Resolution Authorizing City Manager to Execute Task Order No. 25 of the Master Professional Services Agreement for PCE/TCE Cleanup with Treadwell & Rollo, a Langan Company, of San Francisco (\$23,500) and Appropriating Funds (\$28,000)

**MEETING DATE:** March 20, 2013

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** Adopt resolution authorizing City Manager to execute Task Order No. 25 of the Master Professional Services Agreement for PCE/TCE Cleanup with Treadwell & Rollo, a Langan Company, of San Francisco, in the amount of \$23,500 and appropriating funds in the amount of \$28,000.

**BACKGROUND INFORMATION:** The City of Lodi is responsible for the cleanup and monitoring of volatile organic carbon compounds (primarily PCE/TCE) in the four areas referred to as the Central, Southern, Western and Northern plumes. For several years, the City has been monitoring 50 wells, as specified in the Groundwater Monitoring and Reporting Program Number R5-2008-0813 (MRP) and presenting quarterly reports to the California Regional Water Quality Control Board (RWQCB). These monitoring wells are mostly concentrated in the Central Plume area, but others are scattered across the area bounded by Lockeford Street, Stockton Street, Kettleman Lane, and Hutchins Street. These wells are constructed to various depths.

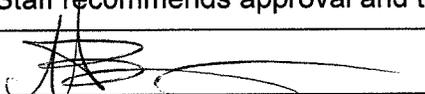
Recently, the City Council approved solicitation of bids to construct eight additional monitoring wells that will be generally deeper than existing wells and will be located to monitor the Southern and Western plumes. These wells will ultimately be included in the MRP later this calendar year.

For two years, the City has been operating soil vapor extraction wells and a groundwater extraction well in the block bounded by Pine Street, Church Street, Oak Street, and Pleasant Avenue. This soil vapor extraction system replaced the pilot facility that operated for several years prior at Guild Cleaners. Total PCE removed by these facilities exceeds 8,500 pounds.

Recently, Treadwell & Rollo performed an update to the Lodi Groundwater Model by adding new data for the Central plume and historic and new data for the Southern, Western and Northern plumes. The model is now being used to simulate the migration of the plumes under various City groundwater well field pumping scenarios. In addition, the model is being used to optimize locations for proposed monitoring wells in the Southern, Western and Northern plume areas.

Task Order No. 25 will draw upon the expertise and experience of Treadwell & Rollo to develop the ongoing work program and future costs for the City to complete the remediation and monitoring of the groundwater contamination associated with the Central, Southern, Western, and Northern plumes. Task Order No. 25 is provided in Attachment A. Staff recommends approval and the appropriation of \$28,000.

APPROVED:

  
Konradt Bartlam, City Manager

Adopt Resolution Authorizing City Manager to Execute Task Order No. 25 of the Master Professional Services Agreement for PCE/TCE Cleanup with Treadwell & Rollo, a Langan Company, of San Francisco (\$23,500) and Appropriating Funds (\$28,000)

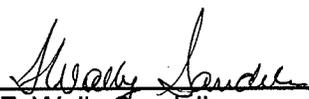
March 20, 2013

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**FISCAL IMPACT:** None.

**FUNDING AVAILABLE:** Requested Appropriation: PCE/TCE Rates (185) – \$28,000

  
\_\_\_\_\_  
Jordan Ayers  
Deputy City Manager/Internal Services Director

  
\_\_\_\_\_  
F. Wally Sandelin  
Public Works Director

FWS/pmf

Attachment



7 February 2013

**CONFIDENTIAL ATTORNEY CLIENT PRIVILEGE**

Mr. Stephen Schwabauer  
City Attorney  
City of Lodi  
221 West Pine St.  
Lodi, CA 95240-1910

Subject: Proposal to Prepare City-Wide Remediation and Monitoring Costs  
Task Order 25  
City of Lodi, California

Dear Mr. Schwabauer;

Treadwell & Rollo, a Langan company, is pleased to present this proposal to develop the estimated tasks and future costs for the City of Lodi to complete the remediation and monitoring of the groundwater contamination associated with the Northern, Central, Western, and Southern groundwater plumes. Our proposal is based on the following assumptions and deliverables for the:

- The Northern, Western, and Southern Plumes will not require active remediation, and will be monitored using current and new groundwater monitoring wells designed and installed specifically for long-term monitoring of plume migration.
- The Central Plume Source Area soil vapor and groundwater remediation system performance will be assessed and a reasonable time frame for continued operation will be determined. The cost to decommission and remove the system and subgrade utilities (including soil vapor and groundwater extraction wells and monitoring wells) associated with the system will be estimated.
- An estimated cost to remediate downgradient groundwater contamination that has moved beyond the Central Plume Source Area remediation system capture zone will be developed, based on the assumption that the Regional Water Quality Control Board (Water Board) will mandate remediation in this area. Remedial alternatives will be estimated, including retrofitting the Central Plume Source Area treatment system to accept water from extraction wells.
- The term of the monitoring period for each plume will be estimated using the City-wide groundwater flow model, assessment of the results and trends of the current groundwater monitoring program, and discussions with the Water Board. We will include a monitoring optimization analysis that statistically analyzes groundwater monitoring trends and describes acceptable changes in long-term monitoring. (Note – we will also assume that all groundwater monitoring data is available in an electronic format suitable for this analysis).
- An estimated cost to abandon all groundwater monitoring wells will be prepared.
- Annual future reporting costs for the City-wide groundwater monitoring program will be estimated using current monitoring costs, anticipated changes in monitoring frequency, and a reasonable annual increase based on local financial projections.
- We will include a task to meet with the Water Board to discuss the goals and initial objectives of this work and solicit their advice on data requirements and cleanup goals, and a second meeting to present the long-term plan that will come from this work.

- Two meetings with the City will be included, one of which is assumed to include a presentation to the City Council.

### PROJECT TEAM

This work will be managed by Philip Smith, assisted by Varinder Oberoi. Additional staff will include Jeremy Gekov and Christopher Glenn. Each of these individuals has worked extensively on City environmental projects.

### PROPOSED SCHEDULE

We are prepared to start work immediately and can have the project completed within 30 days of your authorization to proceed.

### COST SUMMARY

We propose to perform the work on a time-and-expense basis in accordance with terms of the City of Lodi Professional Services Agreement. We have estimated the following cost for Task 25. The costs of this Scope of Work will not exceed an amount of \$23,500 without your prior authorization.

<b>Task 25 – Remediation and Monitoring Costs</b>	<b>\$ 23,500</b>
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We appreciate the opportunity to assist the City of Lodi. Please contact Mr. Oberoi at 415-955-5277 or Mr. Smith at 415-955-5249 if you need any further information.

Sincerely,  
Treadwell & Rollo, A Langan Company



Varinder S. Oberoi, PE  
Principal Hydrologist



Philip G. Smith, REA II  
Executive Vice President

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Konradt Bartlam  
City Manager

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D. Stephen Schwabauer  
City Attorney



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Randi Johl  
City Clerk

1. AA# \_\_\_\_\_  
 2. JV# \_\_\_\_\_

**CITY OF LODI  
 APPROPRIATION ADJUSTMENT REQUEST**

TO: Internal Services Dept. - Budget Division  
 3. FROM: Rebecca Areida-Yadav 5. DATE: 02/27/2013  
 4. DEPARTMENT/DIVISION: Public Works

**6. REQUEST ADJUSTMENT OF APPROPRIATION AS LISTED BELOW**

	FUND #	BUS. UNIT #	ACCOUNT #	ACCOUNT TITLE	AMOUNT
A. SOURCE OF FINANCING	185		3205	Fund Balance	\$ 28,000.00
B. USE OF FINANCING	185	185125	7323	Task 25 - Prog & Cost Development	\$ 28,000.00

**7. REQUEST IS MADE TO FUND THE FOLLOWING PROJECT NOT INCLUDED IN THE CURRENT BUDGET**

Please provide a description of the project, the total cost of the project, as well as justification for the requested adjustment. If you need more space, use an additional sheet and attach to this form.

Task Order 25 with Treadwell & Rollo for program and cost development

If Council has authorized the appropriation adjustment, complete the following:

Meeting Date: \_\_\_\_\_ Res No: \_\_\_\_\_ Attach copy of resolution to this form.  
 Department Head Signature: Wally Sander

**8. APPROVAL SIGNATURES**

\_\_\_\_\_  
 Deputy City Manager/Internal Services Manager Date

Submit completed form to the Budget Division with any required documentation.  
 Final approval will be provided in electronic copy format.

RESOLUTION NO. 2013-36

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING  
CITY MANAGER TO EXECUTE TASK ORDER NO. 25 OF  
MASTER PROFESSIONAL SERVICES AGREEMENT FOR  
PCE/TCE CLEANUP WITH TREADWELL & ROLLO, A LANGAN  
COMPANY, AND FURTHER APPROPRIATING FUNDS

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WHEREAS, the City of Lodi is responsible for the cleanup and monitoring of volatile organic carbon compounds (primarily PCE/TCE) in the four areas referred to as the Central, Southern, Western, and Northern plumes, and has, for several years, been monitoring 50 wells, as specified in the Groundwater Monitoring and Reporting Program Number R5-2008-0813 (MRP) and presenting quarterly reports to the California Regional Water Quality Control Board. For two years, the City has been operating soil vapor extraction wells and a groundwater extraction well in the block bounded by Pine Street, Church Street, Oak Street, and Pleasant Avenue; and

WHEREAS, recently, the City Council approved solicitation of bids to construct eight additional monitoring wells that will be located to monitor the Southern and Western plumes. These wells will ultimately be included in the MRP later this calendar year; and

WHEREAS, recently, Treadwell & Rollo performed an update to the Lodi Groundwater Model by adding new data for the Central plume and historic and new data for the Southern, Western, and Northern plumes. The model is now being used to simulate the migration of the plumes under various City groundwater well field pumping scenarios. In addition, the model is being used to optimize locations for proposed monitoring wells in the Southern, Western, and Northern plume areas; and

WHEREAS, staff recommends approval of Task Order No. 25 to develop the ongoing work program and future costs for the City to complete the remediation and monitoring of the groundwater contamination associated with the Central, Southern, Western, and Northern plumes.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to execute Task Order No. 25 of the Master Professional Services Agreement for PCE/TCE Cleanup with Treadwell & Rollo, a Langan Company, of San Francisco, California, in the amount of \$23,500; and

BE IT FURTHER RESOLVED that funds in the amount of \$28,000 be appropriated from the PCE/TCE Rates Fund.

Dated: March 20, 2013

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I hereby certify that Resolution No. 2013-36 was passed and adopted by the City Council of the City of Lodi in a regular meeting held March 20, 2013, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Johnson, Katzakian, Mounce, and Mayor Nakanishi

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



RANDI JOHL  
City Clerk