

# RESOLUTION NO. 2006-899

Adopted by the Sacramento City Council

December 12, 2006

## AGREEMENT: SAMUEL C. PANNELL MEADOWVIEW COMMUNITY CENTER PHASE II REMEDIATION AND ASSOCIATED TASKS

### BACKGROUND

- A. The Samuel C. Pannell Community Center was built on property the City purchased in 1992. The prior uses on the site included a gas station and two dry cleaning facilities. Since the purchase, the City has been responsible for remediation of the contamination at the site and reports to the Regional Water Quality Control Board (RWQCB) on a quarterly basis.
- B. Since 1993, the City has installed a total of 35 sampling and contaminant extraction wells at and around the site. As of November 2006, more than 16 million gallons of groundwater have been extracted and treated. The authorization of Supplemental Agreement No. 5 will allow the continuation of this existing program.
- C. The RWQCB requested that the City complete its revised Corrective Action Plan (CAP) and design and construct a system to control the expanding gasoline plume. The RWQCB concurs with the City's remediation approach.

### BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Manager is authorized to execute Supplemental Agreement No. 5 to Professional Services Agreement No. 99-134 with Lee & Ro, Inc. in the amount of \$ 151,340.
- Section 2. The City Manager is authorized to approve the continuation of tasks necessary for the remediation of subsurface and groundwater contamination at the Samuel C. Pannell Community Center.

### Table of Contents:

Exhibit A Pgs 2-6

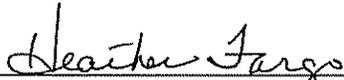
Adopted by the City of Sacramento City Council on December 12, 2006 by the following vote:

Ayes: Councilmembers, Cohn, Fong, Hammond, McCarty, Pannell, Sheedy, Tretheway, Waters, and Mayor Fargo.

Noes: None.

Abstain: None.

Absent: None.

  
\_\_\_\_\_  
Mayor, Heather Fargo

Attest:   
\_\_\_\_\_  
Shirley Concolino, City Clerk

**SCOPE OF SERVICES**

**SUPPLEMENT TO THE CITY OF SACRAMENTO AGREEMENT 99-134  
SAMUEL C. PANSELL  
MEADOWVIEW COMMUNITY CENTER  
ON AND OFF-SITE PCE PLUME REMEDIATION  
SUPPLEMENT 5  
SEPTEMBER 6, 2006**

This Scope of Services is for Work to be performed by LEE & RO, Inc. (LEE & RO) on the behalf of the City of Sacramento at the Samuel C. Pannell Meadowview Community Center (Meadowview) site in Sacramento, California, and will serve as a Contract Supplement to the services described in Agreement 99-134 and in prior Supplements 1 through 4.

LEE & RO will also provide services for continuation of Work begun under Sacramento City Council Resolution No. 99-446 dated August 17, 1999.

This Scope of Services will provide for the continued operation of the existing PCE and gasoline remediation systems located at the Meadowview site as described below.

A Cost Proposal (**Exhibit A**) showing expected costs and fees associated with Work described herein accompanies this document. The costs shown on the Cost Proposal are estimates based on expected 2006/2007 LEE & RO rate schedule (**Exhibit B**).

**TASK 1: OPERATION OF THE REMEDIATION SYSTEMS**

LEE & RO will, on the behalf of the City, operate the existing gasoline and PCE remediation systems. These systems and the operation are described below:

Extraction well EW-1 was installed in September of 1993. Full time groundwater extraction began in March of 2002. The primary goal of this well has been and continues to be to capture the groundwater at the source PCE hot spot on the west side of the Meadowview site.

Gradient Control System wells for the gasoline plume (EW-E and EW-F) were installed in August 2006. Operation of these two wells started in September 2006.

**Subtask 1.1 Operate Extraction Wells EW-1 and EW-C and PCE Treatment System**

LEE & RO will continue in our role of operator for the existing groundwater extraction PCE (EW-1) treatment system a maximum period of one calendar year. Operation includes weekly site visits and routine maintenance. The extraction well and treatment system discharge flows will be sampled on a quarterly basis in March, June, September and December.

It is anticipated that during the one calendar year operation of the PCE treatment system, the carbon will become foul and saturated. LEE & RO will replace the carbon with virgin coconut shell aqueous phase carbon once during the year of operation.

Electrical power and water supply services will be paid directly by the City. The County sewer discharge fees will be paid by LEE & RO for discharge of treated water from the existing PCE treatment system.

**Subtask 1.2 Operate Extraction Wells EW-E and EW-F and Gasoline Treatment System**

LEE & RO will continue in our role of operator for the groundwater gasoline extraction wells EW-E and EW-F and associated treatment system for a maximum period of one calendar year. Operations will include weekly site visits and routine maintenance. The mass of gasoline removed by the treatment system is anticipated to be significantly larger than that of the PCE system, requiring initial weekly sampling. Weekly sampling will continue until a capture rate can be determined, at which time quarterly sampling will be implemented.

Electrical power and water supply fees will be paid directly by the City. County sewer discharge fees will be paid by LEE & RO for discharge of treated water from the system.

It is anticipated that during the one calendar year operation of the gasoline treatment system, the carbon will become foul and saturated. LEE & RO will replace the carbon with virgin coconut shell aqueous phase carbon four (4) times during the initial year of operation. The treatment system utilizes three carbon filters; contents of two filters will be replaced during each change.

**Subtask 1.3 Inserts for Reports to the Regional Water Quality Control Board**

LEE & RO will continue to prepare text for insertion into the semiannual groundwater monitoring reports prepared by others. Inserts will summarize quarterly activities, sampling results and past remediation efforts at the site, including the operation of wells EW-1, EW-E, and EW-F.

**Subtask 1.4 County Discharge Permit Management**

LEE & RO will prepare monthly discharge reports as required by the Sacramento Regional County Sanitation District (SRCSD) permit GRW030. LEE & RO will calibrate the flow and lower explosive limit (LEL) meters as well as provide on-call services for County Inspections.

**Subtask 1.5 Health and Safety Plan Updates**

LEE & RO will update the site specific Health and Safety Plan with regard to operation of extraction wells EW-1, EW-E, and EW-F.

**PROJECT SCHEDULE**

The following schedule is proposed for the project and is based upon a Notice to Proceed Date tentatively scheduled as October 2, 2006.

| Description   | Task | Completion date  |
|---|------|--|
| Operate Gasoline Gradient Control Wells EW-E and EW-F | 1    | For a period of 365 calendar days starting October 2, 2006 |
| Operate PCE Extraction Well EW-1                      | 1    | For a period of 365 calendar days starting October 2, 2006 |

| COST PROPOSAL                          |   |             |             |                      |                       |                    |                  |
|--|---|-------------|-------------|----------------------|-----------------------|--------------------|------------------|
| Work Description                       |   |             |             |                      |                       |                    |                  |
| Task Subtask Description               | PM  | Engr 3      | Engr 1      | Total Labor Expenses | ODC Reimburs Expenses | Total Project Cost |                  |
|  | Engr 7  | Tech 5      | Admin       |                      |                       |                    |                  |
|  | Rate, \$/hr   | Rate, \$/hr | Rate, \$/hr |                      |                       |                    |                  |
|  | \$159   | \$96        | \$77        |                      |                       |                    |                  |
| 1 Operation of the Remediation Systems |   |             |             |                      |                       |                    |                  |
| 1.1                                    | Extraction Well (EW-1) and PCE Treatment Systems      | 18          | 84          |                      | \$10,930              |                    |                  |
| 1.2                                    | Extr Wells (EW-E, EW-F) and Gasoline Treatment System | 47          | 162         |                      | \$22,230              |                    |                  |
| 1.3                                    | Reports to Regional Water Quality Control Board       | 16          | 40          |                      | \$6,380               |                    |                  |
| 1.4                                    | County Discharge Permit Management                    | 16          | 40          |                      | \$6,380               |                    |                  |
| 1.5                                    | Health & Safety Plan Updates                          | 8           | 24          | 8                    | \$4,190               |                    |                  |
| <b>TOTAL PROJECT COST</b>              |   | <b>100</b>  | <b>350</b>  | <b>8</b>             | <b>\$50,110</b>       | <b>\$101,230</b>   | <b>\$151,340</b> |

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Other Direct Cost Worksheet

| Task | Item                                 | Description                                  | Number Required | Unit of Measure | Cost per Unit    | Gross Cost       |
|------|--------------------------------------|--|-----------------|-----------------|------------------|------------------|
| 1    | Operation of the Remediation Systems |  |                 |                 |                  |                  |
|      | 1                                    | Sewer discharge fees (discharge for 3 wells) | 12              | months          | \$4,500          | \$54,000         |
|      | 2                                    | Quarterly discharge sampling for permit      | 4               | sample          | \$365            | \$1,460          |
|      | 3                                    | Gasoline System Sampling                     | 18              | sample          | \$365            | \$6,570          |
|      | 4                                    | Gasoline System Carbon Replacement           | 6               | vessels         | \$3,000          | \$24,000         |
|      | 5                                    | Flow Meter and LFL Calibration               | 1               | yr              | \$1,000          | \$1,000          |
|      | 6                                    | Miscellaneous                                | 1               | yr              | \$1,000          | \$1,000          |
|      |                                      |  |                 |                 | <b>Subtotal</b>  | <b>\$88,030</b>  |
|      |                                      |  |                 |                 | <b>w/mark-up</b> | <b>\$101,230</b> |

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**LEE & RO, Inc.**  
**FY 2006/2007 BILLING RATE SCHEDULE**  
**Effective November 1, 2006<sup>a</sup>**

| <u>PERSONNEL CLASSIFICATION<sup>b</sup></u>           | <u>BILLING RATE</u><br><u>(\$/HOUR)</u> |
|---|---|
| Engineer 9 (E9) Chief Engineer                        | 204                                     |
| Engineer 8 (E8) Managing Engineer                     | 180                                     |
| Engineer 7 (E7) Supervising Engineer                  | 159                                     |
| Engineer 6 (E6) Principal Engineer                    | 141                                     |
| Engineer 5 (E5) Senior Engineer                       | 125                                     |
| Engineer 4 (E4) Engineer                              | 109                                     |
| Engineer 3 (E3) Associate Engineer                    | 96                                      |
| Engineer 2 (E2) Assistant Engineer                    | 87                                      |
| Engineer 1 (E1) Junior Engineer                       | 77                                      |
|   |   |
| Designer 6 (T9) Managing Designer                     | 141                                     |
| Designer 5 (T8) Supervising Designer                  | 125                                     |
| Designer 4 (T7) Principal Designer                    | 109                                     |
| Designer 3 (T6) Senior Designer                       | 96                                      |
| Designer 2 (T5) Designer                              | 87                                      |
| Designer 1 (T4) Associate Designer                    | 77                                      |
| Draftsperson 3 (T3) Draftsperson                      | 68                                      |
| Draftsperson 2 (T2) Junior Draftsperson               | 60                                      |
| Draftsperson 1 (T1) Draftsperson Trainee              | 52                                      |
|   |   |
| Field Staff 6 (F6) Supervising Construction Reviewer  | 141                                     |
| Field Staff 5 (F5) Principal Construction Reviewer    | 125                                     |
| Field Staff 4 (F4) Senior Construction Reviewer       | 109                                     |
| Field Staff 3 (F3) Construction Reviewer              | 96                                      |
| Field Staff 2 (F2) Associate Construction Reviewer    | 87                                      |
| Field Staff 1 (F1) Assistant Construction Reviewer    | 77                                      |
|   |   |
| Administrative 6 (A6) Contract Manager                | 125                                     |
| Administrative 5 (A5) Sr. Administrative Professional | 96                                      |
| Administrative 4 (A4) Administrative Professional     | 87                                      |
| Administrative 3 (A3) Sr. Word Processor              | 77                                      |
| Administrative 2 (A2) Word Processor                  | 68                                      |
| Administrative 1 (A1) Clerical/Office Aide            | 52                                      |

<sup>a</sup> Rates are subject to change in accordance with established company procedures. Normally, the rates increase on November 1 in accordance with the established Company procedures.

<sup>b</sup> Engineer classification generally conforms to "ASCE Professional Grade Descriptions."

<sup>c</sup> 5% mark up will be added to all reimbursable expenses and subcontractant fees.

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