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VIA FEDERAL EXPRESS

March 30, 1994

Mr. Fred Seirafi
Wahler Associates
100 Pringle Avenue, 580
Walnut Creek, CA 94596

Mr. N. Scott MacLeod
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608

Mr. Shri Nandan
Environmental Science & Engineering, Inc.
4080 Nelson Avenue, Suite J
Concord, CA 94520

Dear Gentlemen:

On behalf of Mr. Lynn Worthington, the owner of a former Exxon service station site located at 3055 35th Avenue, Oakland, California 94619, I am pleased to offer you the opportunity to provide a cost proposal to conduct a subsurface investigation at the above-referenced site. This work will be awarded to the successful bidder on the basis of contractor qualifications and experience, the proposed contract price, and the appropriateness and comprehensiveness of the proposal. This is a SB 2004 site.

Alameda County Health Department has given Mr. Worthington 30 days from March 18, 1994, to commence work at the site. Therefore it is essential that I receive your bid package no later than 4:00 p.m. on April 8, 1994.

The contract will be signed by Mr. Worthington. If you wish to visit the site, please contact Mr. Worthington at (510) 562-8600.

Enclosed for your review are the following for your use in preparation of your cost proposal:

1) Geotechnical Engineering Inc., Report Soil Investigation, Planned Office Building, November 19, 1990;

2) Consolidated Technologies, Results For Preliminary Subsurface Site Investigation, (work done in November 1991)

3) Consolidated Technologies, Work Plan For Subsurface Petroleum Hydrocarbon Contamination Assessment, September 1992;

4) Consolidated Technologies, Addendum to Work Plan For Subsurface Petroleum Hydrocarbon Contamination Assessment; September 1993;

5) Letter from Susan Hugo, Alameda County Health Department, March 18, 1994; and

6) Bid Tabulation Worksheet.

Ms. Hugo has approved the work plan submitted by Consolidated Technologies with some changes outlined in her March 18, 1994, letter. Ms. Hugo has agreed to first conducting hydropunches at the site to determine the best location for the three monitoring wells.

Bidding Requirements

1. The selected consultant will submit a final work plan by facsimile to Ms. Hugo who has agreed to grant oral approval of the work plan so that the consultant may begin as quickly as possible.

2. The contractor shall be responsible for providing all equipment, permits, labor and materials, except where otherwise noted. The proposal shall provide specific details of all products and services included within the proposal and shall note items specifically excluded from the bid. The proposal shall provide a start date and work schedule. Due to the 30 day time limit set by Ms. Hugo, we request the earliest possible start date for the work.

3. The Consultant must state the amount of its general liability insurance and professional errors and omissions liability insurance in the proposal.

4. Work shall begin by April 18, 1994, unless weather or other conditions demand a delay. The final report shall be submitted to the client within 30 days of completion of the work.

5. The consultant shall submit detailed monthly invoices to the client for payment. Invoices shall specify the actual costs incurred during the billing period. Invoices for consulting services shall reference the specific task for which the costs were incurred. In addition, the invoices should include what services were performed, when the services were performed, a breakdown for direct labor, indirect costs, travel, equipment, material and supplies, and subcontract work. As this is an SB 2004 site, the invoices must show time and materials and task completed.

6. The Consultant shall provide a copy of its standard services agreement and schedule of charges with any bid submitted. The schedule of charges shall include: hourly rates for personnel classification employed by Consultant; unit charges for common supplies and equipment used in corrective action work; and any fees applied to any other direct expenses (e.g. subcontractors).

The bid awarding authority reserves the right to accept or reject any or all bids, including the lowest bid, at its discretion. Any informality, irregularity or nonconformity with the components of this request for proposal may result in disqualification of any proposal.

The final bid package for this project must be submitted no later than 4:00 p.m. on April 8, 1994. Should you decline to bid for this project, please contact Julie Rose by telephone at the above number. Please send your bid package to Julie Rose at the above address.

If you have any questions, contact either Julie Rose or Mr. Lynn Worthington.

Very truly yours,

RANDICK & O'DEA

Julie Rose

Julie M. Rose

JMR:es
Enclosures
cc: Mr. Lynn Worthington - w/o enclosures
Ms. Susan Hugo, ACHCSA, with Bid Tabulation Worksheet

BID TABULATION WORKSHEET
3055 35th Avenue
Oakland, California

Job Description	Unit Cost	Total Cost Entire Job
1. Prefield		
a. Site Safety Plan:	$ N/A	$
b. Permits - lump sum: (Assume 10 hydropunches, 3 monitoring wells)	$ N/A	$
c. Underground Utility Location. Lump Sum	$ N/A	$
d. Other Items - if any please specify in detail	$	$
e. Preparation of Workplan	$ N/A	$
f. Telephone conference with local agency re approval of work plan	$ N/A	$
Total Cost for Section 1	$ N/A	$

At this time we are not asking that the consultant investigate any potential offsite sources of the contamination. Therefore a file review of the sites in the area is not within the scope of the work requested.

2. Field - Soil Borings and Hydropunches

a. In order to assess the horizontal and vertical extent of petroleum hydrocarbons in the soil and the groundwater on the property, the client requests that the Consultant drill 10 soil borings and hydropunch ground water samples from each boring. Soil samples every five feet. For the purposes of this bid tabulation assume the depth to groundwater is 25 feet for a total of 250 feet for the 10 borings. All soil borings will be grouted to the surface. NOTE: Costs for laboratory analyses for this takes should be shown in Item b.

Unit Cost $ /ft. Total Cost for 10 boring: $

b. Laboratory Analyses: Provide both unit and lump sum cost for all required analyses required in 2(a) above. Please show all specific unit analyses and their costs. Assume for the purposes of this bid analysis of 20 soil samples and 10 water samples. (Total number of soil samples may be less depending upon visual inspection of the soil borings.) Test for TPHg, BTEX, TPHd, Total oil and grease.

		Unit Cost	Total Cost
Soil:	TPHg	$ /sample	$
	BTEX	$ /sample	$
	TPHd	$ /sample	$
	O&G	$ /sample	$
Ground Water:	TPHg	$ /sample	$
	TPHd	$ /sample	$
	BTEX	$ /sample	$
	O&G	$ /sample	$

If more than one analysis is conducted in any of the analytical tests, such as TPHg and BTEX, provide the unit cost for the single test.

Total cost for section 2 $

3. Field - Monitoring Wells

a. Soil and boring and groundwater monitoring well installation: Samples every five feet. Provide unit costs to complete drilling, logging sampling, and monitoring well installation including all required materials for 3 monitoring wells. For the purposes of this bid tabulation assume depth to groundwater is 25 feet. Because the monitoring wells will not be installed until after the review of the analytical data from the hydropunch work, include cost of mobilizing the drill rig a second time. Note: Costs for laboratory analyses for this task should be shown in item e below.

Bid both 2 inch and 4 inch wells.

	Unit Cost	Total Cost
2 inch wells	$ /ft	$
4 inch wells	$ /ft	$

b. Well development: Provide detail of all subcontractors and associated tasks.

$ /well $

c. Professional survey of the site and all monitoring wells: Provide detail of subcontractor and your coordination/site time.

	Unit Cost	Total Cost
	$ N/A	$

d. Annual Groundwater Monitoring and Sampling Program:

Monthly well gauging for six months and quarterly sampling of 3 monitoring wells. Note: Costs for laboratory analyses for this task should be shown in item e.

	Unit Cost	Total Cost
	$ /well/yr	$

e. Laboratory analyses:

Soil:	TPHg	$ /sample	$
	BETX	$ /sample	$
	TPHd	$ /sample	$
	O&G	$ /sample	$
Assume 6 samples.			
Groundwater:	TPHg/TPHd/BTEX O&G	$ /sample	$
Assume 12 samples.			

f. Soil transport and disposal: Show all subcontractors and associated costs for disposal of drill cuttings. Provide costs for both Class II and Class III disposal. Assume 4 drums.

	Unit Cost	Total Cost
Class II	$ /drum	$
Class III	$ /drum	$

g. Water Storage, Transportation and Disposal: For the purpose of this bid assume 5 drums of non-hazardous water is generated from decontamination, development, purging and sampling of wells.

	Unit Cost	Total Cost
	$ /drum	$

Total Cost for Section 3 assuming 2 inch wells.

Using Class II disposal of drums	$
Using Class III disposal of drums	$

Total Cost for Section 3 assuming 4 inch wells.

Using Class II disposal of drums $

Using Class III disposal of drums $

4. Soil Disposal

There is an unknown amount of soil from previous work stored on the site. Assume that 10 soil samples will need to be taken to determine proper disposal of the soil.

	Unit Cost	Total Cost
TPHg	$ /sample	$
TPHd	$ /sample	$
BTEX	$ /sample	$
O&G	$ /sample	$
Metals	$ /sample	$
Total	N/A	$

5. There is still an unknown amount of tank piping at the site that needs to be properly disposed. Provide a cost estimate for the disposal of the piping assuming that the piping does not require any further excavation and assume 50 linear feet.

Cost for disposal of piping $
(Lump sum, 50 linear feet)

6. Post Field

a. Reporting: Provide costs for the generation of four reports, one of which will be an assessment report suitable for agency submittal. The assessment report should document all work scopes and should include maps, site map delineating contamination contours for soil and groundwater, boring logs, well construction diagrams, analytical results, and hydrogeologic interpretation. Based on the findings of the assessment report recommendations for additional work, if warranted, should be included in the cover letter accompanying the assessment report. The other three reports will be standard groundwater monitoring and sampling reports suitable for agency submittal. (Lump Sum)

Total Cost

$

b. Other items - if any please specify in detail.

Total costs for section 6 $

Grand Total

Assuming 2 inch wells:

Class II disposal of drums $

Class III disposal of drums $

Assuming 4 inch wells:

Class II disposal of drums $

Class III disposal of drums $

worth.bid
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1800 HARRISON, SUITE 2350
OAKLAND, CALIFORNIA 94612

Ms. Susan Hugo
Department of Environmental Health
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Room 200
Oakland, California 94621