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DEPARTMENT OF TRANSPORTATION

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*#2189*



June 20, 1995

Mr. Barney M. Chan  
Hazardous Material Specialist  
Alameda County Health Care Services Agency  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502

Dear Mr. Chan:

Subject: Underground Storage Tank Removal at 555 Hegenberger Road,  
Oakland, CA, Former Caltrans Facility

I am sending you a Draft Work Plan for soil testing and installment of monitoring wells at the above mentioned subject site for your review and comments. Please fax your comments to me at (510) 286-5642. As we would like to incur the funding for the investigation this fiscal year, please provide your comments by June 23, 1995.

If you have any questions regarding this matter, you can reach me at phone number (510) 286-6269.

*RONALD DONG 506-5621  
745-422  
FAX 286-5642*

Sincerely,

JOE BROWNE  
District Director

By:

*[Signature]*  
TIMIR MEHTA, Acting Chief  
Office of Environmental Engineering

*12/94*

Enclosure

DRAFT

CALIFORNIA DEPARTMENT OF TRANSPORTATION - DISTRICT 4

TASK ORDER NUMBER 04-5F1000-01

CALTRANS CONTRACT NUMBER 53W202

SOIL TESTING AND MONITORING WELLS AT THE

HEGENBERGER MAINTENANCE STATION

OAKLAND, CALIFORNIA

JUNE 15, 1995

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**I. INTRODUCTION**

Four underground storage tanks, and the adjacent soil were removed from a Caltrans Oakland Maintenance Station in September, 1994. The tanks were believed to be leaking, and one tank was punctured during its removal because of its deteriorated condition.

The lead agency in this Task Order is the Alameda County Environmental Health Department.

The purpose of this Task Order is to determine the extent of the petroleum contamination from the leaking and punctured tanks on the soil. Also, as required by the Alameda County Environmental Health Department, this Task Order will determine the extent of groundwater contamination, if any.

This Task Order is an extension of California Department of Transportation Contract Number 53W202: Hazardous Waste Assessments, Investigation and Surveys (Herein referred to as Contract 53W202), with all provisions applying, whether or not specifically stated in this Task Order.

**A. Contaminants of Concern**

The contaminants of concern are total petroleum hydrocarbons in gasoline and diesel, oil and grease, total lead, and benzene, toluene, ethylbenzene, and xylene (BTEX).

**B. Acceptance or Refusal**

The Contractor has three (3) days after receiving the Task Order in which to accept or reject this Task Order and return the signed Acceptance/Refusal Document (ARD) to the Contract Manager. If the Task Order is accepted, the following shall accompany the ARD:

1. A Certificate of Insurance that is valid for the duration of the Task Order.
2. A list of approved subcontractors to be used for the work. All subcontractors must meet all requirements specified in Contract 53W202 (Attachment E).
3. An estimate for extra work, if any (see Section IV of this Task Order).

Failure to return these documents within the specified time period will result in the Task Order being offered to another Contractor.

**C. Withdrawal**

Refer to Article XIII - *Termination*, page 6 of Contract 53W202. Failure to comply with the terms of this Task Order or Contract 53W202 may result in the withdrawal of this Task Order from the Contractor.

**II. STATUS OF THE WORK SITES****A. Location**

The location of the Caltrans Oakland Maintenance Station is East of Route 880 at 555 Hegenberger Road, Oakland, California.

**B. Land Use**

This former Caltrans maintenance station is currently inactive and vacant.

**C. Background**

Between September 19, 1994 and September 22, 1995, four (4) underground storage tanks were removed and disposed of along with all related piping. Some of the residual product and petroleum impacted soils were also disposed of. Please refer to Attachment J for the complete report.

**D. Access**

Prior to start of work, the Contractor shall secure an Encroachment Permit from the Caltrans Permit Engineer. All regulations pertaining to said permit shall be observed. The Caltrans Encroachment Permit shall be issued at no cost. The Contractor shall apply for the Encroachment Permit from the Caltrans Maintenance Permits Office.

Office Location	Maintenance Permits 111 Grand Avenue, 6th Floor Oakland California
Mailing Address	California Department of Transportation District 4 - Maintenance Permits P.O. Box 23660 Oakland, CA 94623-0660

The following items should be submitted to the Caltrans Maintenance Permits Office at least three (3) weeks prior to the beginning of any field work:

- a completed permit application
- a location map
- a site map showing the potential boring locations

- a copy of pages 38 and 39 of Contract 53W202 with Special Provisions 12 and 15 highlighted

The Contractor shall not conduct any field work without an approved encroachment permit. The encroachment permit must be kept on site during all field work.

### III. SCOPE

The Contractor shall review this Task Order scope of work, and prepare a work plan consistent with Contract 53W202 for investigating the site. The work plan shall be approved by the Contract Manager. All elements of the site investigation must meet the standards set by local, State, and federal regulatory agencies. Deviations from these standards must be approved in advance and in writing by the Contract Manager. The investigative techniques (sampling handling procedures, analytical methods, and equipment) must be acceptable to the regulatory agencies in all respects, and consistent with Contract 53W202.

#### A. Work Plan

Refer to Article XXVI - Statement of Work, Part II - Site Investigations, page 14, *Basic Work Plan Preparation* of Contract 53W202.

The Contractor shall review the Final Tank Removal Report prepared by GPH Engineering Incorporated and the data provided in that Report to prepare for the work plan.

#### B. Health and Safety Plan

Refer to Article XXV - Statement of Work, Part II - Site Investigations, pages 15 and 16, *Health and Safety Plans* of Contract 53W202. The Health and Safety Plan should be signed by a certified industrial hygienist.

#### C. Site Investigation

Refer to Article XXV - Statement of Work, Part II - Site Investigations, pages 13 and 14, *General Site Investigation Requirements* of Contract 53W202.

##### 1. Drilling

Refer to Article XXIV - Statement of Work, Part II - Site Investigations, pages 19 - 22, *Drilling* of Contract 53W202.

Eleven (11) borings will be taken using a hollow stemmed auger. The locations of these borings are shown on Attachment H. Five (5) of these borings will be made into monitoring wells.

The monitoring wells will be destroyed only when the Alameda County Environmental Health Department deems it appropriate to do so.

Cuttings and rinsate shall be collected and stored at a site provided by the Contract Manager, and shall be removed from the site within 21 working days of receiving analytical results. Two (2) hours are allowed for a non-registered professional to supervise drum handling.

**2. Sampling**

Refer to Article XXIV - Statement of Work, Part II - Site Investigations, pages 22 and 23, *Sampling* of Contract 53W202.

The sampling depths for each of the eleven (11) borings are shown on Attachment H.

The monitoring wells shall be monitored quarterly for one (1) year. Further testing shall be done under another Task Order if the Alameda County Environmental Health Department deems it necessary.

**3. Chemical Analysis**

**a. Laboratory Testing**

Refer to Article XXVI - Statement of Work, Part II - Site Investigations, pages 23 and 24, *Laboratory: General Information* of Contract 53W202.

The Laboratory performing chemical analyses shall be certified by the California Department of Health Services (DHS) for the following laboratory test methods:

- Gasoline: Modified EPA 8015 Total Petroleum Hydrocarbons
- Diesel: Modified EPA 8015 Total Petroleum Hydrocarbons
- Oil and Grease Standard Method 5520F
- EPA Method 7421 (Lead)
- EPA 8020 Aromatic Volatile Organics (BTEX)

All soil samples shall be tested for total petroleum hydrocarbons in gasoline and diesel, oil and grease, total lead, and BTEX. *ok*

All groundwater samples shall be tested for total petroleum hydrocarbons in gasoline and diesel, oil and grease, and BTEX. *ok.*

**b. Turn Around Time**

All samples shall have standard laboratory turn around times.

All samples shall be delivered to the laboratory within 24 hours of sampling.

**c. Quality Assurance/Quality Control**

Refer to Article XXVI - Statement of Work, Part II - Site Investigations, page 24, *Laboratory: Quality Assurance/Quality Control* of Contract 53W202.

**d. Laboratory Test Reports**

Refer to Article XXVI - Statement of Work, Part IV - Report Requirements, page 32, *Laboratory: Laboratory Test Reports* of Contract 53W202.

**IV. DESCRIPTION OF WORK**

**A. Pre-work Site Visit**

The Contractor shall designate a person (Project Manager) responsible for the Task Order and a person responsible for the field work (could be the same). Both should attend the pre-work site visit with the Contract Manager. The Project Manager shall be a Certified Engineering Geologist, a Registered Geologist, or a Civil Engineer Registered in the State of California. The hourly rate for Bid Item 42 - Task Order Meetings includes all travel costs incurred and covers 2 persons in attendance. The Contractor may elect to have the subcontractors, or their designees participate in the pre-work site visit at his/her expense.

The purpose of this pre-work site visit is to familiarize the Contractor with the work site. The Certified Engineering Geologist, Registered Geologist, or Civil Engineer Registered in the State of California who attends the pre-work Task Order meeting shall be the same individual who will be on site and exercising responsible charge during the actual field investigation. The Contractor and the Contract Manager will complete the pre-work site visit check list, Attachment B. Any questions or problems the Contractor and the Contract Manager may have regarding the check list should be resolved at this time.

**B. Pre-work Task Order Meeting**

The Contractor's representatives, as noted in part A, shall attend the pre-work Task Order meeting. This meeting may be held concurrently with the pre-



work site visit. At this Task Order meeting, the Contractor and the Contract Manager shall resolve all unanswered questions regarding the Task Order and develop a final completion schedule, Attachment C. During the project, the Contractor may request a schedule modification if the agreed upon schedule cannot be met. The Contract Manager will review the request. No exception to this procedure shall be permitted without written approval of the Contract Manager.

### C. Conduct Site Investigation

After the resolution of all issues regarding the site investigation and final Task Order, the Contract Manager will issue a Notice to Proceed with Investigative Work. See Attachment D. The Contractor will then prepare a site specific Work Plan, and Health and Safety Plan, and submit it to the Contract Manager for approval. Weather permitting, the Contractor shall begin no later than two (2) working days after receiving all applicable permits. All work will be performed in accordance with all applicable permits, and as outlined in the approved Work Plan, and Health and Safety Plan.

### D. Site Investigation Report

Refer to Article XXVI - Statement of Work, Part IV - Report Requirements, pages 29 - 30, *Site Investigation Reports* of Contract 53W202 for standard report contents.

A copy of the site investigation report shall be sent to the Alameda County Environmental Health Department. *w/i 45 days of work completion*

If any of the plan sheets from this Task Order are to be incorporated in the final report, the engineering seal and the signature block shall be removed from the plan sheets before doing so.

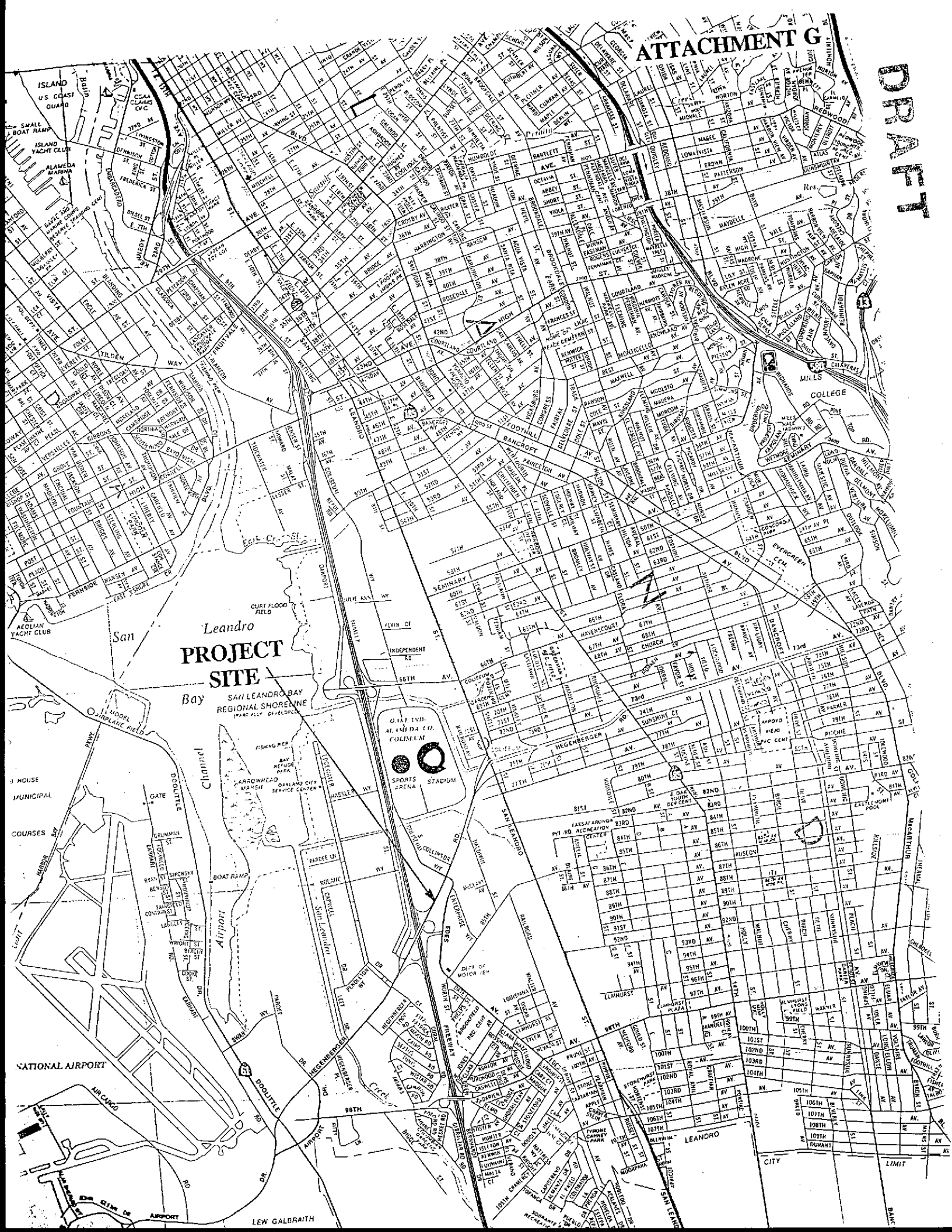
## V. BID ITEMS AND EXTRA WORK

The bid cost itemization for the Task Order is shown on Attachment D. The Contractor is reminded that the Task Order costs were developed for accounting and budgeting purposes and shall not be exceeded. Only services actually performed by the Contractor or his/her authorized subcontractors, as substantiated by the Contractor's work force logs and subcontractor's invoice will be paid. Extra work items shall be billed at the Contractor's actual costs, as evidenced by invoices. Any additional work or changes for an item or quantity must be pre-approved by the Contract Manager in writing followed by an amendment or supplemental task order.

Drum disposal will be done as extra work.

**DRAFT**

A written quote for the cost of extra work shall be submitted with the ARD. Drum disposal shall be bid as if uncontaminated material is contained. Supplemental funds shall be requested for contaminated drum disposal after the analytical results are available.



**PROJECT SITE**  
 San Leandro Bay  
 SAN LEANDRO BAY  
 REGIONAL SHORELINE  
 (PARTIALLY DEVELOPED)

SPORTS STADIUM  
 ARENA

NATIONAL AIRPORT