

Alameda County  
NOV 14 2002  
Environmental Health

**CONSTRUCTION BID PACKAGE  
REMEDIAL EXCAVATION ACTIVITIES**

E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073  
STID No. 3580

11/7/02


R023

**Prepared By:**

ATC Associates Inc.  
9620 Chesapeake Dr., Suite No. 203  
San Diego, California 92123  
ATC Work Order No. 100877-C2-12  
ATC Job No. 43.25827.0024

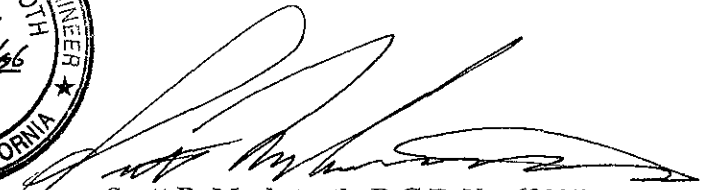
November 7, 2002

**Reviewed by:**

  
Greg A. Vogelpohl, P.E.  
Senior Engineer

**Prepared and Approved by:**



  
Scott D. Meckstroth, R.C.E. No. 63337  
Senior Engineer

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#### 4.0 SITE HISTORY AND INTRODUCTION

The general site location is shown in Figure 1, Vicinity Map. Figure 2, Site Plan with Geologic Cross-Section, illustrates the former underground storage tank (UST) system. ATC understands that the original USTs were removed on June 15, 1990. The former UST system consisted of four 10,000-gallon gasoline USTs, and three fuel dispenser islands. The 10,000-gallon USTs were located in the northwestern portion of the property. The fuel dispenser islands are located in the center of the site. Based on field observations and analytical results, the USTs were suspected to be the source of a fuel hydrocarbon release that impacted soil and groundwater in the vicinity of the site. The site is currently vacant. There are no USTs or dispensers currently on-site and the site is free of asphalt and concrete paving; however, the canopy and remnant concrete islands are still present.

Based on historic and recent environmental assessment and remedial feasibility activities, a remedial approach of excavating hydrocarbon-impacted soil has been proposed for the site. This document serves as a construction bid package for the proposed remedial excavation activities. The proposed limits of the excavation are presented on Figure 2 and Figure 3, Cross-Sections A-A' and B-B', and are based on analytical data of soil samples collected from soil borings advanced at the site. Two excavations, Excavation A and Excavation B are proposed for the remedial activities. Excavation A measures approximately 15 feet by 15 feet laterally and is anticipated to be approximately 20 feet deep. Excavation A, which is located in the vicinity of monitor well MW-3, is illustrated on Figure 2. Excavation B encompasses approximately 7,800 square feet aerially. The estimated depth of Excavation B will vary from 15 to 22 feet below ground surface (bgs).

Site assessment activities indicate that non-hydrocarbon impacted overburden soil will be encountered from 0 to 11 feet bgs and 0 to 5 feet bgs in Excavations A and B, respectively. It is anticipated that approximately 3,700 cubic yards of hydrocarbon-impacted soil will be removed from the site. The exact limits of the excavations will be determined in the field and will depend on visual and olfactory observations and the results of soil analytical data obtained during the excavation. Groundwater will be encountered during excavation activities. Depth to groundwater varies across the site from approximately 14 to 18 feet bgs based on the most recent groundwater monitoring and gauging event. Existing groundwater monitoring wells may be used to dewater sections of the site prior to excavation activities. All groundwater generated during remedial excavation activities will be stored in aboveground storage tanks located at the site.

#### 5.0 PROJECT SCHEDULE

<u>EVENT</u>	<u>DATE</u>
Quotation Letter	11/5/02
Due Date	11/18/02
Award	11/19/02
Estimated Start	01/06/02
Estimated Finish	02/06/02

## 6.0 PROPOSAL DELIVERABLES

The cost estimate shall include all of the following items to be considered for contract award:

1. A lump sum cost including all labor, materials, equipment and expenses.
2. Labor rates, per hour, for additional work.
3. Equipment rates and rental rates, per day and per hour, for additional work.
4. Liability insurance or proof thereof.
5. Contractor's proof of current 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training as defined in OSHA 29-CFR-1910.120 for all persons at risk of chemical exposure.
6. California contractor's license number.
7. Minimum one (1) year warranty on all labor, materials, workmanship and equipment.
8. Bid guarantee for ninety (90) days from due date.
9. Completed Cost Distribution Form.

## 7.0 CONSTRUCTION SPECIFICATIONS

### 7.1 General

The Contractor shall confirm work schedule with the following contacts at least 48 hours prior to any work at the site:

ATC, Senior Engineer, Scott Meckstroth	(858) 569-0692
ATC, Branch Manager, Greg Vogelpohl	(858) 569-0692

All materials, permits, inspections and labor shall be provided by the Contractor. Proper Contractor supervision shall be present on-site during all aspects of the construction.

A preconstruction meeting between the Contractor and ATC will occur before any work begins. The meeting will be held at a location selected by ATC. It is mandatory that the Contractor's field superintendent attend.

### 7.2 Examination of the Site

The Contractor acknowledges that in submitting his bid, he has thoroughly inspected the plans and these specifications and that he has familiarized himself with site.

### **7.3 Construction and Structural Notes**

All construction notes, structural notes, and symbols used on the plans direct the Contractor to perform the operations indicated, supply the materials required, and safeguard facilities. They are shown for the convenience of the Contractor and the clarification of the drawings and specifications. No construction notes, structural notes, or symbols shall be the basis for the claims of extra work. Payment for those items of work shall be incorporated into the items of work to which they pertain and other items and no separate payment will be made for them.

### **7.4 Errors and Omissions**

The Contractor, in signing the contract, agrees not to take advantage of any errors and omissions in the plans and specifications. When errors are found, they will be corrected or additional data supplied.

Any work or material not herein specified or shown on the plans, but by fair implication, in the judgment of ATC should be included therein, shall be constructed or furnished as though shown or included in the plans and specifications.

### **7.5 Protection, Restoration, and Cleanup of Existing Improvements**

The Contractor shall be responsible for the protection, restoration, and/or replacement of any improvements existing on public or private property at the start of work or placed there during the progress of work and not specified or shown on the plans to be permanently removed. Existing improvements include, but are not limited to, driveways, fences, utility poles, shrubs, trees, sidewalks, curbs, and walls. All existing improvements shall be reconstructed equal or better to the previous improvements.

In submitting a bid, the Contractor will have carefully examined the site of the work and acquainted himself with all conditions relating to the protection and restoration of existing improvements. ATC does not guarantee that all improvements are shown on the plans, and it shall be the responsibility of the Contractor to provide in his bid for the protection and restoration of all existing improvements, except those otherwise specified herein.

All costs involved in protection, restoration, and cleanup of existing improvements shall be included in the prices bid for other items of work and no separate payment shall be made.

### **7.6 Safeguarding Excavations**

All excavations shall conform to Cal-OSHA Construction Safety Orders for Excavations Sections 1540, 1541, 1541.1.

In making excavations for the project, the Contractor shall be fully responsible for providing and installing adequate trench plates and shoring on all open trenches when left unattended or as deemed necessary by the ATC Engineer. Cost of trench plates and shoring shall be included in the Contractor's bid price.

Reflecting or illuminating barricades and construction tape shall be used each night to delineate the construction area.

If shoring is necessary, all materials required shall be furnished by the Contractor and upon completion of the work shall become the property of the Contractor.

### **7.7 Excavations (Underground Service Alert)**

The Contractor's attention is directed to Section 4215.5 through 4217 of the Government Code of the State of California. This requires that two days prior to commencing any excavation that "Underground Service Alert of Southern California" be notified by phone toll free 1-800-422-4133, for the assignment of an Inquiry Identification Number.

No excavation shall commence, and this contract will be deemed invalid, unless the Contractor has obtained the Inquiry Identification Number.

### **7.8 Protecting and Supporting Utilities**

The Contractor shall support and protect all utilities and service connections found not to interfere with the permanent project work. It shall be the Contractor's responsibility to provide continuous and safe operation of all utilities protected and supported by him. The Contractor shall be responsible for all damages and costs that may be caused by his failure to protect and support utilities in a satisfactory manner. All costs involved to protect the utilities in place shall be included in other items of work.

### **7.9 Public Convenience and Access**

The Contractor shall conduct his operations to cause the minimum obstruction and inconvenience to traffic and to places of business and residences adjacent to the work. No greater quantity of work shall be under construction at any one time than can be properly conducted with due regard for the rights of the public.

The Contractor shall provide unobstructed access to all fire hydrants at all times.

Safe, adequate pedestrian access to all residences, places of businesses, and other establishments affected by the work shall be provided and maintained by the Contractor at all times. The Contractor shall provide safe, adequate crossings for pedestrians at each street intersection, cross street, pedestrian crossing and at bus stops.

The Contractor shall promptly restore normal facilities for the convenience of the public. This includes particularly, but is not limited to, restoration of sidewalks, driveways, steps and similar types of access, and the prompt removal or excess materials from streets and parkways when, in the opinion of the ATC Engineer, a reasonable portion of the work in any location has been completed.

The Contractor shall be prepared to use vapor suppression if it becomes necessary, as decided by either the Contractor or the ATC representative on-site.

All costs of complying with the requirements of this section shall be included in the bid price for the various items of work and no additional compensation shall be allowed.



## **7.10 Temporary Fencing**

Provide and install temporary security fencing around the site and open excavations in compliance with applicable codes and regulations.

## **7.11 Demolish and Dispose of Canopy**

Demolish canopy and support posts. Canopy is approximately 30 feet by 70 feet by 18 feet high. Dispose of all metal, concrete and other demolition debris off-site.

## **7.12 Excavate and Stockpile Clean Overburden**

Excavate and stockpile on-site clean overburden soils from the excavation areas. For the purpose of the bid, overburden soils are assumed to exist from 0 to 11 feet bgs and 0 to 5 feet bgs at Excavations A and B, respectively. ATC estimates that approximately 1,290 cubic yards of overburden soil will need to be excavated and stockpiled on-site pending backfilling operations.

## **7.13 Shore Excavation, Excavate and Stockpile Impacted Soil**

Shore the perimeter of the proposed excavations to accommodate general excavation activities, excavation within 5 feet of the West "A" Avenue Sidewalk, and excavation within 5 feet of the property lines. It is the contractor's responsibility to provide an approved design, materials and labor to furnish and install shoring. Approved working drawings shall be kept onsite during the course of work.

Excavate and stockpile fuel hydrocarbon-impacted soils from the proposed excavation areas on-site. Hydrocarbon-impacted soil is assumed to be located between 11 to 20 feet bgs and 5 to 20 feet bgs within Excavations A and B, respectively. A portion of the hydrocarbon-impacted soils will be located within the saturated zone, below the groundwater table, which is located between approximately 14 to 18 feet below grade. ATC estimates that a total of approximately 3,700 cubic yards of impacted soil will need to be excavated for this project. Note that, during the remedial excavation, it is anticipated that six (6) groundwater monitor and remediation wells (MW-1, MW-3, MW-4, MW-5, MW-6, and VEAS-1) will be removed. All six wells were constructed to 30 feet bgs, so drilling will be required under separate contract prior to initiating the remedial excavations.

## **7.14 Loading Impacted Soil**

Load excavated fuel hydrocarbon-impacted soil into trucks provided by an ATC supplied subcontractor. On-site soil stockpiles will be sampled for characterization purposes prior to loading and hauling activities. Others will provide transportation and disposal of the fuel hydrocarbon-impacted soils at the direction of ATC.

## **7.15 Backfill Import Material and Backfilling Operations**

Supply, haul in, and off-load approximately 3,700 cubic yards of pea gravel, or equivalent, self-compacting materials and backfill the excavation to approximately five feet below grade in compliance with applicable codes and regulations. Backfill material shall be compacted to 90% maximum dry density as specified by

ASTM Test Method D1557-78. Backfill shall be compacted in lifts not to exceed eight inches. During compaction, the moisture content of the backfill shall not exceed plus or minus 2% of the optimum moisture content of the soil.

#### **7.16 Backfilling Operations – Native Overburden Soil**

Backfill the top five feet of the excavation with native non-hydrocarbon impacted overburden soil in compliance with applicable codes and regulations. Backfill material shall be compacted to 90% maximum dry density as specified by ASTM Test Method D1557-78. Backfill shall be compacted in lifts not to exceed eight inches. During compaction, the moisture content of the backfill shall not exceed plus or minus 2% of the optimum moisture content of the soil.

#### **7.17 Final Grading Operations**

Prepare surface and supply, install and compact a graded base over the remedial excavation areas to match existing grade in compliance with applicable codes and regulations. The area to be graded is approximately 6,600 square feet.

#### **7.18 Final Cleanup**

The construction site shall be left in a neat and presentable condition. The cost of site cleanup shall be considered and included in other items of work and no other compensation shall be allowed.

### **8.0 CONTRACT DOCUMENTATION**

#### **8.1 Award of Contract**

ATC Associates Inc. (ATC), reserves the right to reject any or all proposals. The award of the contract, if it is awarded, will be to the lowest responsible bidder. All bids will be compared on the basis of the total amounts and per unit amounts as shown on the Cost Distribution Form. Before awarded, the bidder may be required to furnish evidence of adequate capability, equipment and financial resources to properly perform the job. Bidders found not to be qualified may have their bids rejected. If reasonable cause exists to believe collusion exists among bidders, or that prices bid are unbalanced between bid items, any or all proposals may be rejected.

#### **8.2 Execution of Contract**

An official "Notice of Award of Contract" will be mailed to the successful bidder enclosing a Purchase Order for signature. The Purchase Order shall be signed by the successful bidder and returned, together with the required proposal deliverables, within seven (7) calendar days after the bidder has received notice that the contract has been awarded.

### **8.3 Notice to Proceed**

An official "Notice to Proceed" stating the first working day will be given to the Contractor when the Purchase Order is signed. Ten (10) days after the date shown in the "Notice to Proceed" is given, the Contractor agrees to complete the work within sixty (60) calendar days thereafter.

### **8.4 Liquidated Damages**

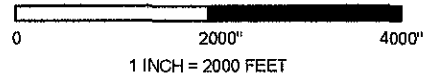
It will be impractical or extremely difficult to fix the actual damage that may result from any delay in completion of the work at the time agreed upon. It is therefore, stipulated and agreed that if the work covered by the contract is not completed on or before the time of completion set forth in these specifications, or within such extensions of time as may be granted, the Contractor shall pay to ATC or ATC may deduct from any monies due the Contractor, the sum of \$480.00 per day as agreed fixed and liquidated damages and not a penalty for each calendar day subsequent to the agreed date of completion during which any part of the work stipulated under the contract remains uncompleted.

### **8.5 Change Orders**

All change orders must be approved by ATC in writing before work is authorized.



REFERENCE: MAPTECH TERRAIN NAVIGATOR 2001, CALIFORNIA.



### VICINITY MAP

Former E-Z Serve Location No. 100877  
 525 West A Street  
 Hayward, California

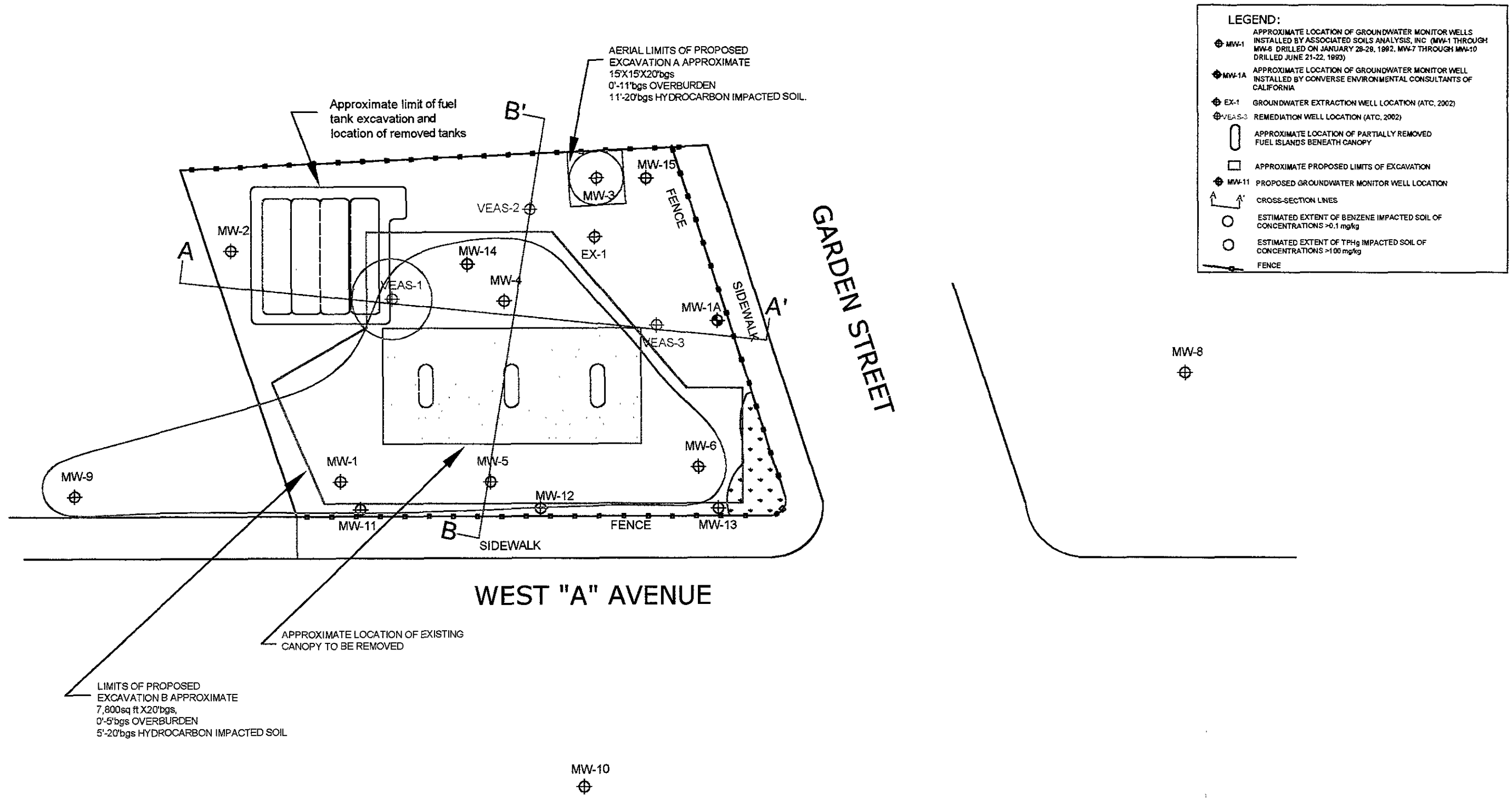
PROJECT NO. 43.25827.0024      FIGURE 1

FILE NO. h:\projects\ezserve\100877\BID\fig1



9620 Chesapeake Drive, Suite 203  
 San Diego, California 92123

ASSOCIATES INC.



**LEGEND:**

- ⊕ MW-1 APPROXIMATE LOCATION OF GROUNDWATER MONITOR WELLS INSTALLED BY ASSOCIATED SOILS ANALYSIS, INC (MW-1 THROUGH MW-8 DRILLED ON JANUARY 28-29, 1992, MW-7 THROUGH MW-10 DRILLED JUNE 21-22, 1993)
- ⊕ MW-1A APPROXIMATE LOCATION OF GROUNDWATER MONITOR WELL INSTALLED BY CONVERSE ENVIRONMENTAL CONSULTANTS OF CALIFORNIA
- ⊕ EX-1 GROUNDWATER EXTRACTION WELL LOCATION (ATC, 2002)
- ⊕ VEAS-3 REMEDIATION WELL LOCATION (ATC, 2002)
- APPROXIMATE LOCATION OF PARTIALLY REMOVED FUEL ISLANDS BENEATH CANOPY
- APPROXIMATE PROPOSED LIMITS OF EXCAVATION
- ⊕ MW-11 PROPOSED GROUNDWATER MONITOR WELL LOCATION
- A — CROSS-SECTION LINES
- ESTIMATED EXTENT OF BENZENE IMPACTED SOIL OF CONCENTRATIONS >0.1 mg/kg
- ESTIMATED EXTENT OF TPHg IMPACTED SOIL OF CONCENTRATIONS >100 mg/kg
- FENCE

LIMITS OF PROPOSED EXCAVATION B APPROXIMATE 7,800sq ft X20' bgs, 0'-5' bgs OVERBURDEN 5'-20' bgs HYDROCARBON IMPACTED SOIL

**SITE PLAN WITH PROPOSED REMEDIAL EXCAVATION LIMITS**

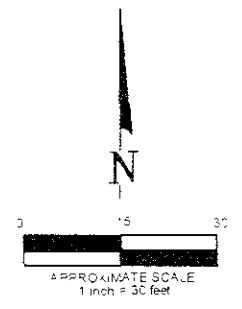
Former E-Z Serve Location No. 100877  
 525 West A Street  
 Hayward, California

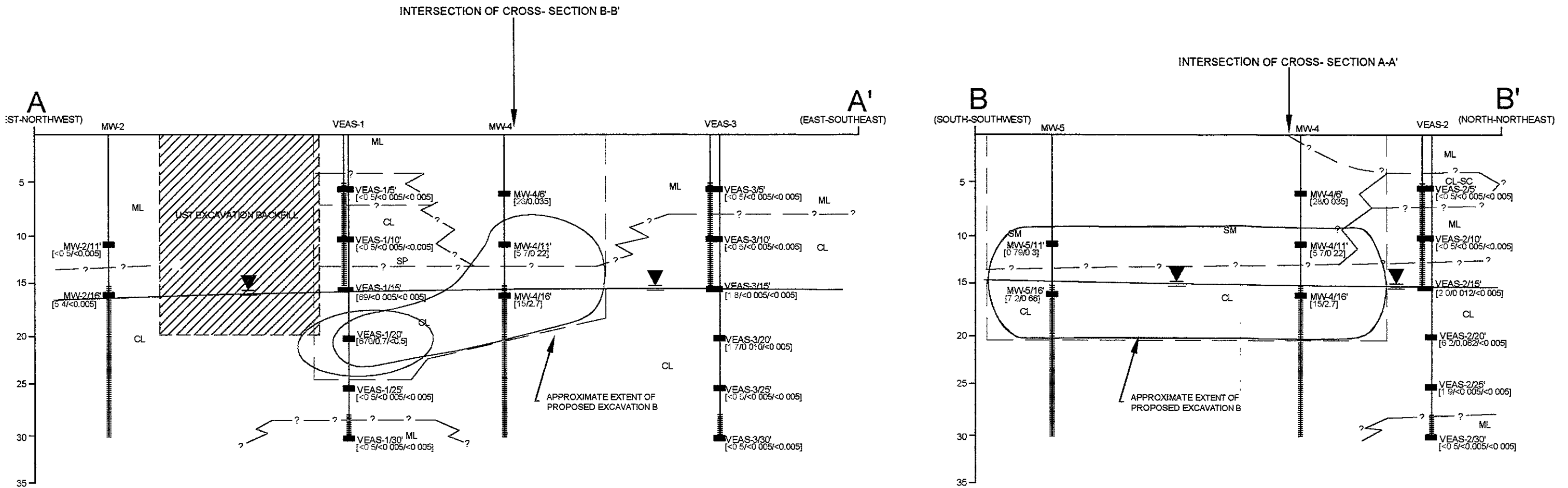
PROJECT NO. 43.25827.0024 **FIGURE 2**

FILE NO. h:projects/ezserve/100877/BID/fig2



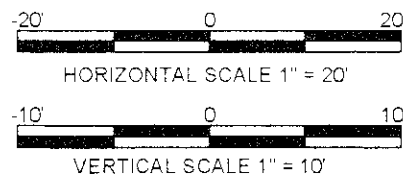
9620 Chesapeake Drive, Suite 203  
 San Diego, California 92123





**LEGEND**

- ESTIMATED EXTENT OF BENZENE IMPACTED SOIL OF CONCENTRATIONS >0.1 mg/kg
- ESTIMATED EXTENT OF TPHg IMPACTED SOIL OF CONCENTRATIONS >100 mg/kg
- 11' DEPTH OF SOIL SAMPLE LOCATION IN FEET BELOWGROUND SURFACE
- TPHg - TOTAL PETROLEUM HYDROCARBONS AS GASOLINE EPA METHOD 8260
- B - BENZENE EPA METHOD 8260
- MTBE - METHYL TERTIARY BUTYL ETHER BY EPA 8260 METHOD
- <# DENOTES THAT THE COMPOUND WAS NOT DETECTED AT A CONCENTRATION EXCEEDING THE LABORATORY DETECTION LIMIT SHOWN
- SM** SILTY SANDS, SAND-SILT MIXTURES, PLASTIC FINES
- SP** POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES.
- ML** INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
- CL** INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN
- APPROXIMATE DEPTH OF GROUNDWATER



# GEOLOGIC CROSS- SECTIONS A - A' AND B - B'

FORMER E-Z SERVE LOCATION No. 100877  
525 WEST A STREET  
HAYWARD, CALIFORNIA 92231

PROJECT NO. 43.25827.0024  
FILE NO. h:\projects\ezserve\100877\BID\Fig3

**FIGURE 3**



9620 Chesapeake Drive, Suite 203  
San Diego, California 92123

## COST DISTRIBUTION FORM

E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073

	Unit Cost	Total Cost
1. Permitting activities	_____	_____
2. Demolition and disposal of canopy (approximately 30' x 70' x 18' high) and associated concrete islands.	_____	_____
3. Excavate and stockpile overburden soil for use as backfill at the conclusion of excavation activities. (approximately 1,500 cubic yards) Less than or equal to 1,500 cubic yards Greater than 1,500 cubic yards	____per cubic yard ____per cubic yard	_____
4. Shore perimeter of the proposed excavations to accommodate general excavation activities.	____per linear foot	_____
5. Excavate and stockpile hydrocarbon impacted soil (prior to disposal), approximately 3,700 cubic yards. Less than or equal to 3,700 cubic yards Greater than 3,700 cubic yards	____per cubic yard ____per cubic yard	_____
6. Supply and off-load approximately 3,700 cubic yards of non-native self-compacting backfill materials, backfill excavation and compact/grade to code. Less than or equal to 3,700 cubic yards Greater than 3,700 cubic yards	____per cubic yard ____per cubic yard	_____
7. Backfill and compact/grade to code top five feet of excavation using clean overburden soil (approximately 1,500 cubic yards) excavated in Task 3.	____per cubic yard	_____
8. Final grading.	____per square foot	_____
9. Provide and install temporary fencing as necessary.	____per linear foot	_____
10. Mob/demob personnel and equipment to/from site.	_____	_____
11. Hourly rate for standby for full crew.	_____per hour	_____
12. Daily rate for standby for all proposed equipment.	_____per day	_____
<b>GRAND TOTAL</b>		_____

November 7, 2002

Mr. Scott Fletcher  
Excell Excavating, Inc  
9 Calle Belle  
Rancho Santa Margirita, CA 92688

**Subject: Request for Construction Bid**  
E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073

Dear Mr. Fletcher :

ATC Associates Inc. (ATC) is requesting a bid for construction for remedial excavation activities at the above-referenced site. The attached document entitled "Construction Bid Package, Remedial Excavation Activities" presents the bid's details.

Please send your "Construction Bid" (including Cost Distribution Form) directly to Scott Meckstroth at ATC by 4 p.m. on the due date provided within the enclosed bid package.

We hope this information meets your needs at this time. Please call the undersigned at (858) 569-0692 if you have any questions.

Respectfully,

ATC Associates Inc.

Scott D. Meckstroth, P.E.  
Senior Engineer

Greg A. Vogelpohl, P.E.  
Branch Manager

Attachments: Construction Bid Package, Remedial Excavation Activities,  
E-Z Serve Location No. 100877, Hayward



November 7, 2002

Mr. Steve Schraeder  
QualPac Services, Inc  
4732 Clairemont Square  
San Diego, CA 92117

**Subject: Request for Construction Bid**  
E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073

Dear Mr. Schraeder:

ATC Associates Inc. (ATC) is requesting a bid for construction for remedial excavation activities at the above-referenced site. The attached document entitled "Construction Bid Package, Remedial Excavation Activities" presents the bid's details.

Please send your "Construction Bid" (including Cost Distribution Form) directly to Scott Meckstroth at ATC by 4 p.m. on the due date provided within the enclosed bid package.

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Respectfully,

ATC Associates Inc.

Scott D. Meckstroth, P.E.  
Senior Engineer

Greg A. Vogelpohl, P.E.  
Branch Manager

Attachments: Construction Bid Package, Remedial Excavation Activities,  
E-Z Serve Location No. 100877, Hayward

November 7, 2002

Mr. Majid Juwaideh  
Gulf Engineering & Construction  
1040 E. Washington Ave. #43  
El Cajon, CA 92029

**Subject: Request for Construction Bid**  
E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073

Dear Mr. Juwaideh:

ATC Associates Inc. (ATC) is requesting a bid for construction for remedial excavation activities at the above-referenced site. The attached document entitled "Construction Bid Package, Remedial Excavation Activities" presents the bid's details.

Please send your "Construction Bid" (including Cost Distribution Form) directly to Scott Meckstroth at ATC by 4 p.m. on the due date provided within the enclosed bid package.

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Senior Engineer

Greg A. Vogelpohl, P.E.  
Branch Manager

Attachments: Construction Bid Package, Remedial Excavation Activities,  
E-Z Serve Location No. 100877, Hayward

November 7, 2002

Mr. Scott Parker  
L&S Environmental  
P.O. Box 737  
Suisun, CA 94585

**Subject: Request for Construction Bid**  
E-Z Serve Location No. 100877  
525 West A Street  
Hayward, California 95073

Dear Mr. Parker:

ATC Associates Inc. (ATC) is requesting a bid for construction for remedial excavation activities at the above-referenced site. The attached document entitled "Construction Bid Package, Remedial Excavation Activities" presents the bid's details.

Please send your "Construction Bid" (including Cost Distribution Form) directly to Scott Meckstroth at ATC by 4 p.m. on the due date provided within the enclosed bid package.

We hope this information meets your needs at this time. Please call the undersigned at (858) 569-0692 if you have any questions.

Respectfully,

ATC Associates Inc.

Scott D. Meckstroth, P.E.  
Senior Engineer

Greg A. Vogelpohl, P.E.  
Branch Manager

Attachments: Construction Bid Package, Remedial Excavation Activities,  
E-Z Serve Location No. 100877, Hayward