

Appendix E



PROJECT PROPOSAL

Local Offices		Date: Friday, June 22, 2012			
Southern California: 1333 W. 9th St. Upland (Los Angeles) CA 91786 ♦ Tel. 909-946-1605		For: Tetrattech			
Arizona: 7773 West Seldon Lane, Peoria (Phoenix), AZ 85335 ♦ Tel. 623.935.0124		Contact: Don Lee, PG, CHG			
Nevada: 230 E. Sydney Drive, Sparks, NV 89434-6538 ♦ Tel. 775-343-1493		Email: don.lee@tetrattech.com			
Oregon: 11277 SW Clay St., Suite A, Sherwood, OR 97140 ♦ Tel. 503-692-6400		Street Address: 17885 Von Karman Avenue, Suite 500			
Washington: 3820 Freeman Road E, Fife (Seattle), WA 98424 ♦ Tel. 253-883-5200		City/State/Postal: Irvine, CA92614-6213			
Scope of Work:		Tel: 949.809.5220			
Drill and Construct 2 Monitoring wells 310 feet deep		Mobile:			
		Fax:			
		Project: West Basin MWD			
		Street Address:			
		City/State/Postal: Redondo/ Hermosa Beach, CA			
Description		Unit	Quantity	Unit Price	Unit Total
1	Mobilization & Demobilization of Full sized Truck sonic drill rig, support equipment and three man drill crew.	Lump Sum	1	\$ 3,250.00	\$ 3,250.00
2	Sonic crew per diem or travel to/from site/yard	Day	8	\$ 480.00	\$ 3,840.00
3	Saw cuts or coring through asphalt or concrete up to 8" thick	Each	2	\$ 325.00	\$ 650.00
4	Drill and continuous sonic core sample 6" Core & 8" Outer Casing to 200 feet	Feet	400	\$ 62.00	\$ 24,800.00
5	Drill and continuous sonic core sample 6" Core & 7" Outer Casing from 200 to ~310 feet (add \$4 per foot for 8-inch bore)	Feet	220	\$ 68.00	\$ 14,960.00
6	12" Emco Flush Mount well Completions in 2' X 2' Pad	Each	1	\$ 650.00	\$ 650.00
7	Supply & Install 3" SCH 80 PVC Includes 100' of screen, 5' sump, Sand, Chips & Well or Cement Grout	Feet	620	\$ 31.00	\$ 19,220.00
8	12" Emco Flush Mount well Completions in 2' X 2' Pad	Each	1	\$ 750.00	\$ 750.00
9	Set up on first boring, move between holes, site clean up and equipment decontamination (based upon 1 hour per location)	Hours	2	\$ 600.00	\$ 1,200.00
10	Standby time for drill rig and crew for safety meetings, client decisions, access difficulty, etc.	Hours	0	\$ 600.00	\$ -
11	Bobcat or Forklift w/Hopper, if requested to move soil or drums on site. Add 1 day for drop off and 1 day for pick up of equipment	Day	4	\$ 250.00	\$ 1,000.00
12	55 Gallon DOT approved Drums	Each	30	\$ 55.00	\$ 1,650.00
13	Over 9 Hours on site per Day Requested by Client	Hours	0	\$ 625.00	\$ -
14	Well Development				\$ -
15	Mobilization/Demobilization of well development rig and 2 man crew	Lump Sum	1	\$ 750.00	\$ 750.00
16	Hours of pump rig and crew time for well development including all time on site required to complete well development activities (estimated)	Hours	10	\$ 235.00	\$ 2,350.00
17	Well development crew per diem	Day	1	\$ 320.00	\$ 320.00
18	55 Gallon DOT approved Drums	Each	6	\$ 55.00	\$ 330.00
19	Air Knife Services				\$ -
20	Mobilization/Demobilization of air knife and crew	Lump Sum	1	\$ 750.00	\$ 750.00
21	Air Knife to ~8 feet below ground surface (assumes cuttings will be place back into the borehole (includes asphalt cold patch if necessary)	Day	1	\$ 1,850.00	\$ 1,850.00
22	Crew per diem and/or daily travel	Day	1	\$ 320.00	\$ 320.00
Proposal based on CA Prevailing Wage Rates.					
Total Cost Estimate					\$ 78,640.00

<i>Drill Rig Type:</i>	Sonic - Full Size
<i>Drill Configuration:</i>	Truck
<i>Prepared By:</i>	Andy Hillstrand (cell 562-201-4079)
<i>E-mail</i>	andrew.hillstrand@boartlongyear.com

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	Scope of Work:	Fax:	
	Drill and Construct 2 Monitoring wells 310 feet deep	Project:	West Basin MWD
		Street Address:	
		City/State/Postal:	Redondo/ Hermosa Beach, CA

Our bid is based on the following terms, assumptions, and conditions:

- Well development by others voids any guarantee and warrantee for well construction on labor or materials.
- Client or others are responsible for clearing all utilities, obtaining permits, easements, traffic control, and site preparation for access.
- Water is available on or near the site.
- Boart Longyear standard pay rates apply (non union, non prevailing wage rates).
- Locations are Truck accessible and others to perform site preparation. Access delays will be compensated at our standby rate.
- Any applicable costs for permits, licenses, taxes, etc. will be charged at cost + 15%.
- Our agreement is not a part of, nor is it subject to, any flow down or flow through provisions from any other contract.
- Bid is based upon unconsolidated drilling. Bedrock drilling rates (if applicable) are to be negotiated.
- Any IDW that needs to be disposed of off site is to be handled by others (including the decontamination pad).
- If bid quantities for any task increase or decrease by over 25% as stated in the scope or proposal, prices are subject to renegotiation.
- This bid assumes there are no security concerns. If additional security is required, prices have to be negotiated.
- A decontamination pad is not required. Tooling will be decontaminated as it is being retracted from the boring if decontamination is required
- Decontamination is for down hole tools only. Our price is based on the rig to continue working while the tooling is decontaminated separately. If rig is required to be decontaminated it will be charged at our rig & crew standby rate.
- Work to take place in normal level "D" working conditions. Additional charges may apply. Fees must be agreed upon in writing prior to doing any work at any other safety level.
- Events that delay the drilling rig or equipment (i.e.: borehole logging, waiting for water levels, consultant water samples, hydration time, grout cure time, etc.) will be charged at standby / access delay rates.
- Anything over 115% of material (sand, grout) in a calculated area will be billed at cost +15% on the material and the hourly standby rate for the rig & crew.
- Bid is based on rig availability at the time of the award. We do not lock a rig into any schedule, or order project supplies, until we receive a purchase order or contract.
- This bid is exclusive of any applicable state and local sales taxes as required by law.



June 22, 2012

Don Lee
Tetra Tech
17770 Cartwright, Suite 500
Irvine, Ca. 92614

Re: Delivery, transportation & disposal of Non-hazardous drums from Redondo Beach

Dear Don,

American Integrated Services, Inc. (A.I.S.), would like to thank you for giving us the opportunity in serving your transportation needs. Through our highly trained, professional staff we offer efficient and environmentally sound, full service management, remediation, construction, and transportation of waste. All of our drivers and technicians are CPR certified and have 40 hours of training per O.S.H.A. requirements. All of our drivers have Department of Transportation's requirements of DOT 8 Hour HM-181, 215G and 232 Training for Hazardous Materials Transportation, DOT Security Awareness Training for Hazardous Materials and have 40 hours of training per O.S.H.A.

The breakdowns in costs associated with the Redondo Beach project are as follows:

Location #1

<u>Description</u>	<u>Cost</u>	<u>Estimated Quantity</u>	<u>Estimated Total Cost</u>
Delivery of drums	\$110.00/hour	3 hours	\$ 330.00
Transportation & Disposal of Non-Hazardous water drums	\$112.50/drum	10 drums	\$ 1,125.00
Transportation & Disposal of Non-Hazardous soil drums*	\$112.50/drum	2 drums	\$ 225.00
			Estimated Total \$ 1,680.00

Location #2

<u>Description</u>	<u>Cost</u>	<u>Estimated Quantity</u>	<u>Estimated Total Cost</u>
Delivery of drums	\$110.00/hour	3 hours	\$ 330.00
Transportation & Disposal of Non-Hazardous water drums	\$112.50/drum	10 drums	\$ 1,125.00
Transportation & Disposal of Non-Hazardous soil drums*	\$112.50/drum	2 drums	\$ 225.00
			Estimated Total \$ 1,680.00

Estimated total for job \$3,360.00

***Soil analysis required for profiling – VOCs via 8260, Title 22 Metals, TPH full scan, and any other constituent of concern. AIS will need 1 sample from each location for profiling.**

***Water analysis required for profiling – VOCs via 8260 and any other constituent of concern. AIS will need 1 sample from each location for profiling.**

***Transportation & Disposal price will be the same if both locations are removed together or if they are removed separately.**

***Prices valid until December 31, 2012.**

AIS., appreciates the opportunity to provide a transportation management service for you. Should you have any questions, comments or require additional information, please feel free to call me at (310) 522-1168.

Sincerely,

American Integrated Services, Inc.

Jennifer Sherman

Jennifer Sherman

Operations & Technical Services