

**Baker**

03.01-6/29/93-

03#7, 10

**Baker Environmental, Inc.**  
Airport Office Park, Building 3  
420 Rouser Road  
Coraopolis, Pennsylvania 15108

(412) 269-6000  
FAX (412) 269-2002

June 29, 1993

Commander  
Atlantic Division  
Naval Facilities Engineering Command  
1510 Gilbert Street  
Norfolk, Virginia 23511-2699

Attn: Ms. Linda Berry, P.E.  
Code 1823

Re: Contract N62470-89-D-4814  
Navy CLEAN, District III  
Contract Task Order (CTO) 0160  
RI/FS Project Plans for Operable Units 7 & 10  
Marine Corps Base, Camp Lejeune, North Carolina

Dear Ms. Berry:

Attached are the minutes to the June 16, 1993 meeting for the referenced contract task order. Copies of these minutes have been forwarded to Mr. Neal Paul (MCB Camp Lejeune).

If you have any questions, please do not hesitate to contact me at (412) 269-2016.

Sincerely,

BAKER ENVIRONMENTAL, INC.



Daniel L. Bonk, P.E.  
Project Manager

DLB/nd  
Attachment

cc: Mr. Keith Simmons, P.E., Code 0223 (without attachment)  
Ms. Lee Anne Rapp, Code 183 (without attachment)  
Mr. Neal Paul (with attachment)



A Total Quality Corporation

**Meeting Minutes**  
**CTO-0160**  
**RI/FS Scoping Meeting for Operable Units 7 & 10**  
**Marine Corps Base, Camp Lejeune, North Carolina**

**June 16, 1993**

A meeting was conducted at LANTDIV's office in Norfolk, Virginia on June 16, 1993 to follow-up on issues pertaining to Operable Unit No. 10 (Site 35 - Camp Geiger Area Fuel Farm) and the new highway proposed in this area by the North Carolina Department of Transportation (NCDOT).

The following persons were in attendance:

Ms. Linda Berry, LANTDIV  
Mr. Neal Paul, MCB, Camp Lejeune  
Mr. Peter Burger, North Carolina DEHNR  
Ms. Michelle Glenn, EPA Region IV  
Mr. Raymond Wattras, Baker Environmental, Inc.  
Mr. Daniel Bonk, Baker Environmental, Inc.

The following summary is based on notes taken at the meeting by Dan Bonk of Baker.

**Soil Removal Action Scenarios**

The primary topic of discussion was the proper means under which to evaluate/conduct a removal action for fuel and oil impacted soil in the drainage ditches and along Brinson Creek north of the ASTs. During several recent site visits Baker and Camp Lejeune staff observed conditions in this area that, according to the Navy/Marine Corps Installation Restoration Manual (February 1992), make a removal action appropriate. Two of the conditions cited were:

- Actual or potential exposure of nearby human populations, animals, or food chains from hazardous substances or pollutants or contaminants; and
- High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.

Ray Wattras and Dan Bonk reviewed the various scenarios under which a removal action could be implemented. These scenarios were summarized in correspondence from Baker (Dan Bonk) to LANTDIV (Linda Berry) dated June 8, 1993 and included the following:

- Time-Critical Removal Action
- Non-Time Critical Removal Action
- Interim Remedial Measure

Ray Wattras and Dan Bonk indicated that either the Non-Time Critical Removal Action or the Interim Remedial Measure would be appropriate as a means for addressing soil remediation. Michelle Glenn argued convincingly that the most appropriate scenario under which to conduct the removal action was

an Interim Remedial Measure (IRM). IRMs have the most firmly established legal basis and are the most familiar to the EPA and NCDEHNR.

An IRM is preceded by an Interim RI/FS which, in this case would be focused on the oil and fuel impacted soil identified in previous investigations at Site 35.

### **Proposed Highway**

Neal Paul of Camp Lejeune lead a discussion concerning the two routes currently under consideration by the Base and the North Carolina Department of Transportation (NCDOT). At present, NCDOT appears to be favoring a route that will result in the construction of the highway through the existing Fuel Farm located west of Brinson Creek. This represents a modification to NCDOT's original recommendation that the highway follow a course slightly further to the east that would involve construction along a portion of the Brinson Creek streambed.

The advantages and disadvantages of both routes were discussed based on the environmental considerations at Site 35. The consensus of those present at the meeting was that the more westerly route through the existing Fuel Farm (currently being favored by the NCDOT) would present less difficulties in remediating both soil and groundwater. The major concerns with the other route along Brinson Creek involved dewatering the contaminated shallow groundwater during construction and the excavation of potentially contaminated soft soils along the stream bed.

Neal Paul requested that Baker prepare a Point Paper regarding the environmental advantages, disadvantages, and costs associated with the two proposed routes. The Point Paper needed to be submitted for Neal Paul's review tomorrow and would ultimately be presented to the Camp Lejeune Commanding General for information purposes.

### **Interim RI/FS**

Based on the meeting discussions, Linda Berry gave Baker verbal authorization to prepare a cost modification letter and to initiate work on the Interim RI/FS Work Plan. The Interim RI/FS Work Plan would be submitted roughly concurrently with RI/FS Work Plans for Sites 1, 28, and 30 (Operable Unit No. 7) and Site 35 (Operable Unit No. 10).

### **Action Items**

- Baker will prepare a Point Paper outlining the advantages and disadvantages of the two proposed highway routes from a standpoint of soil and groundwater remediation.
- Baker will prepare a cost modification letter to perform the following additional work: preparation of an Interim RI/FS Work Plan; preparation of a Treatability Study Work Plan(s); performance of an Interim RI/FS field investigation to collect data to support the Interim FS; and, preparation of an Interim RI/FS Report.

**Baker**

**Baker Environmental, Inc.**  
Airport Office Park, Building 3  
420 Rouser Road  
Coraopolis, Pennsylvania 15108

(412) 269-6000  
FAX (412) 269-2002

June 29, 1993

Commander  
Atlantic Division  
Naval Facilities Engineering Command  
1510 Gilbert Street (Building N-26)  
Norfolk, Virginia 23511-2699

Attn: Ms. Beth Hacie  
Contracting Specialist  
Code 0223

Re: Contract N62470-89-D-4814  
Navy CLEAN, District III  
Contract Task Order (CTO) 0003  
Modification No. 4  
Disposal of Investigation Derived Waste  
MCB Camp Lejeune, North Carolina

Dear Ms. Hacie:

Baker Environmental, Inc. (Baker) is submitting a Final (negotiated) cost estimate (Attachment A) that reflects the disposal of investigation derived waste (IDW) generated during previous site investigations conducted at MCB Camp Lejeune. This cost estimate reflects the budget that was negotiated with LANTDIV on June 16, 1993.

**Background Information**

LANTDIV and MCB Camp Lejeune Environmental Management Division (EMD) provided Baker with an inventory of drums containing IDW (primarily soil drill cuttings and monitoring well development/purge water) generated during site investigations conducted by various contractors (ESE, Inc., Halliburton-NUS, and Baker). According to this inventory, there are currently 223 drums of IDW at MCB Camp Lejeune. Approximately 157 of these drums are now stored at Lot 140. The remaining 66 drums are assumed to be at 9 sites of previous investigations located throughout the base.

The analytical results from the initial site investigations were also used to make a general estimate of contaminants present in drums of IDW. For example, the analytical results of soil boring samples collected from Site 3 were used to evaluate the contents of drums containing soil drill cuttings (IDW) generated at that site. The inventory information was used in conjunction with these analytical results to develop a Drum Sampling Strategy Plan. This plan was included in a correspondence to Mr. Byron Brant, P.E. (LANTDIV Engineer-in-Charge, Code 1823) dated March 26, 1992.



A Total Quality Corporation

Ms. Beth Hacie  
June 29, 1993  
Page 2

The objective of the Drum Sampling Strategy Plan was to determine the representative quantity of drums to sample and analysis required to provide sufficient information to complete Waste Profile Sheets for subsequent treatment/disposal of the IDW.

The following sections discuss the tasks required to sample, characterize, and coordinate disposal of the IDW drums.

### Technical Approach

For costing purposes, nine tasks have been identified. These tasks are:

- Task 1 - Project Management
- Task 2 - Project Plan Development
- Task 3 - Mobilization and Site Setup
- Task 4 - Drum Moving
- Task 5 - Drum Sampling
- Task 6 - Laboratory Analysis
- Task 7 - Hazardous Soil Disposal
- Task 8 - Hazardous Water Disposal
- Task 9 - Report

Please note that LANTDIV has indicated to Baker that MCB Camp Lejeune will handle the disposal of all nonhazardous soil and water. Therefore, Baker has deleted these two tasks from the Scope of Work (previously identified as Tasks 7 and 8).

A description of each task is provided below. For costing purposes, it is assumed that Baker personnel and subcontractors will conduct all field activities using Level D personal protection.

#### Task 1 - Project Management

Project Management involves such activities as daily technical support and guidance, budget and schedule review and tracking, preparation and review of invoices, manpower resources planning and allocation, and communication with LANTDIV and the Activity.

#### Task 2 - Project Plan Development

Project Plan Development activities include preparation of a Scope of Work (this Modification No. 3), a Field Sampling Plan, and a project-specific Health and Safety Plan.

#### Task 3 - Mobilization and Site Setup

Task 3 includes those activities associated with initiating the project. These activities include: subcontractor procurement, coordinating site access with Activity personnel, transporting equipment to the base, construction of a decontamination pad at Lot 140, and demobilization.

## **Baker**

Ms. Beth Hacic  
June 29, 1993  
Page 3

### **Task 4 - Drum Moving**

The 157 IDW drums currently stored at Lot 140 are stacked (two drums high) on pallets. In order to conduct drum sampling (Task 5) the drums will have to be moved into a position where they can be accessed. It is assumed that the remaining drums, located at the various investigation sites, will be accessible and will not have to be moved.

As part of this task, Baker personnel will conduct a general inspection of the integrity of each drum. For costing purposes, it is assumed that 20% of the drums are in poor condition, requiring overpackaging prior to transportation. This estimate is based on visual inspection of the drums by Baker. It is also assumed that all drums will be clearly identified according to the inventory provided to Baker. Changes to the sampling and analysis scheme will be required if the contents of the drums are identifiable. This may result in increased analytical costs and labor costs.

### **Task 5 - Drum Sampling**

Composite samples will be collected from a selected group of drums that are representative of the IDW currently stored on base. Composite samples will be collected from the drums containing soil drill cuttings. These samples will be analyzed for the following parameters:

- TCLP - Volatiles, Semivolatiles, Pesticides, Herbicides, and Metals
- Flashpoint
- Corrosivity (pH)
- Reactivity (Cyanide and Sulfide)

Composite samples will be collected from the drums containing water. These will be analyzed for RCRA characteristics.

Nine drums of "unknown origin," located at Site 6 (Lot 203) were identified for sampling in the Drum Sampling Strategy Plan. Management of these drums has been included in another investigation (CTO-0133). These drums will not be included in this project.

### **Task 6 - Laboratory Analyses**

Task 6 includes costs associated with the laboratory analyses of the collected samples. A 14-day turnaround on analysis will be requested.

### **Task 7 - Hazardous Soil Disposal**

Drums containing soil drill cuttings that are determined by the laboratory to exhibit RCRA hazardous characteristics will be transported to a central location on base (Lot 140). A subcontractor will load the drums onto a truck and transport them offsite to an approved facility for disposal.

**Baker**

Ms. Beth Hacie  
June 29, 1993  
Page 4

For costing purposes, it is assumed that there will be 6 drums containing hazardous soil. Disposal costs will be dependent on the results of laboratory analyses. Disposal cost estimates range from \$500 to more than \$1000 per drum, depending on the characteristics of the drum contents.

**Task 8 - Hazardous Water Disposal**

Drums containing water that are determined by the laboratory to exhibit RCRA hazardous characteristics will be transported to a central location on base (Lot 140). A subcontractor will load the drums onto a truck and transport them offsite to an approved facility for disposal.

For costing purposes, it is estimated that there will be 6 drums containing hazardous water. Disposal costs will be dependent on the results of laboratory analyses. Disposal costs estimates range from \$500 to \$1000 per drum, depending on the characteristics of the drum contents.

**Task 9 - Report**

Baker will prepare a report outlining the IDW disposal activities. Results of laboratory analyses and waste disposal documentation (waste profile sheets, waste manifests) will be included with the report.

**Schedule**

It is estimated that IDW disposal activities (including the report) will require approximately 8 weeks to complete.

**Budget**

A cost estimate (negotiated) outlining labor and other direct costs for this modification is attached (Attachment A).

If you have any questions, please contact me at (412) 269-2007 or Mr. Raymond Wattras at (412) 269-2016.

Sincerely,

BAKER ENVIRONMENTAL, INC.

*William D. Trimbath*

William D. Trimbath, P.E.  
Program Director

WDT/ST/nd  
Attachment

cc: Ms. Lee Anne Rapp, Code 183 (w/o attachment)  
Ms. Linda Berry, P.E., Code 1823

ATTACHMENT A.1  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 ESTIMATED DIRECT LABOR COST AND MANPOWER REQUIREMENTS

Labor Category	PROJECT MANAGER	FIELD TEAM LEADER	GEOLOGIST/ ENGINEER	HEALTH & SAFETY OFFICER	SUPPORT WORD PROCESSOR	SUPPORT COPYING	TOTAL	TOTAL
Task/Subtask Descriptions	P-4 \$30.38	P-2 \$22.11	P-1 \$16.72	P-2 \$22.11	A-1 \$10.78	A-1 \$10.78		COST
TASK 1 - PROJECT MANAGEMENT	20				20	4	44	\$866.32
TASK 2 - PROJECT PLAN DEVELOPMENT	2	20		8	4	1	35	\$733.74
TASK 3 - MOB & SITE SETUP		36	36		1	1	74	\$1,419.44
TASK 4 - DRUM MOVING		20	20				40	\$776.60
TASK 5 - DRUM SAMPLING		14	14	14			42	\$853.16
TASK 6 - LABORATORY ANALYSES		10				1	11	\$231.88
TASK 7 - HAZARDOUS SOIL DISPOSAL		12	12		2		26	\$487.52
TASK 8 - HAZARDOUS WATER DISPOSAL		12	12		2		26	\$487.52
TASK 9 - REPORT	2	16			4	2	24	\$479.20
Total Baker Hours	24	140	94	22	33	9	322	
Total Baker Cost	\$729.12	\$3,095.40	\$1,571.68	\$486.42	\$355.74	\$97.02		\$6,335.38

ATTACHMENT A.2  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 ESTIMATED TRAVEL COSTS

Task/Subtask Description	LODGING \$42.00 Per Day	MEALS \$26.00 Per Day	VEHICLE RENTAL \$200.00 Per Week	AIR FARE \$400.00 Per Trip	ESTIMATE TOTAL TRAVEL COSTS
TASK 1 - PROJECT MANAGEMENT					
TASK 2 - PROJECT PLAN DEVELOPMENT					
TASK 3 - MOB & SITE SETUP	4	4	1		\$472.00
TASK 4 - DRUM MOVING	4	4			\$272.00
TASK 5 - DRUM SAMPLING	6	8	1	1	\$1,060.00
TASK 6 - LABORATORY ANALYSES					
TASK 7 - HAZARDOUS SOIL DISPOSAL	1	2	1	1	\$694.00
TASK 8 - HAZARDOUS WATER DISPOSAL	1	1			\$68.00
TASK 9 - REPORT					
Total Baker Units	16	19	3	2	
Total Baker Cost	\$672.00	\$494.00	\$600.00	\$800.00	\$2,566.00

ATTACHMENT A.3  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 ESTIMATED OTHER DIRECT COSTS

Task/Subtask Description	1992	POSTAGE REPORTS Per Pkg	SHIPPING SAMPLES Per Unit	COPYING Per Page	COMPUTER TIME Per Hour	EQUIPMENT COST (Ref. 1) Total Cost	SUBCONTRACTOR (Ref. 2) Total Cost	ANALYTICAL COSTS (Ref. 3) Total Cost	TOTAL SUBCONTRACT	TOTAL OTHER DIRECT
TASK 1 - PROJECT MANAGEMENT	1			100						\$29.50
TASK 2 - PROJECT PLAN DEVELOPMENT	3			200	8					\$161.50
TASK 3 - MOB & SITE SETUP						\$1,901.92	\$947.00		\$947.00	\$2,848.92
TASK 4 - DRUM MOVING						\$100.00	\$5,000.00		\$5,000.00	\$5,100.00
TASK 5 - DRUM SAMPLING			2			\$150.00				\$316.00
TASK 6 - LABORATORY ANALYSES				200	8			\$10,550.00	\$10,550.00	\$10,644.00
TASK 7 - HAZARDOUS SOIL DISPOSAL				100		\$25.00	\$12,495.00		\$12,495.00	\$12,527.00
TASK 8 - HAZARDOUS WATER DISPOSAL				100		\$25.00	\$8,500.00		\$8,500.00	\$8,532.00
TASK 9 - REPORT	3			200	8					\$161.50
Total Baker Units	7		2	900	24					
Total Baker Cost		\$157.50	\$166.00	\$63.00	\$240.00	\$2,201.92	\$26,942.00	\$10,550.00	\$37,492.00	\$40,320.42

ATTACHMENT A.3, REFERENCE #1  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW

ESTIMATED EQUIPMENT COSTS

Task/Subtask Description	1992	H&S EXPNDDBLS \$25.00	DECON EXPNDDBLS \$275.00	HNU METER \$222.11	HNU CALIB KIT \$38.00	OVA \$561.06	OVA CALIB KIT \$90.75	SAMPLING EXPNDDBLS \$250.00	SORBENT MATERIAL \$200.00	NOTEBOOK \$7.50 EACH	MISC. TOOLS \$150.00	GAS GENERATOR \$100.00	TOTAL EQUIPMENT COST
	PER MANDA	PER EVENT	PER WEEK	PER WEEK	PER WEEK	PER WEEK	PER WEEK	PER EVENT	PER EVENT	PER EVENT	PER EVENT	PER WEEK	
TASK 1 - PROJECT MANAGEMENT													
TASK 2 - PROJECT PLAN DEVELOPMENT													
TASK 3 - MOB & SITE SETUP			1	1	1	1	1	1	1	2	1	1	\$1,901.92
TASK 4 - DRUM MOVING	4												\$100.00
TASK 5 - DRUM SAMPLING	6												\$150.00
TASK 6 - LABORATORY ANALYSES													
TASK 7 - HAZARDOUS SOIL DISPOSAL	1												\$25.00
TASK 8 - HAZARDOUS WATER DISPOSAL	1												\$25.00
TASK 9 - REPORT													
Total Baker Units	12	1	1	1	1	1	1	1	1	2	1	1	
Total Baker Cost	\$300.00	\$275.00	\$222.11	\$38.00	\$561.06	\$90.75	\$250.00	\$200.00	\$15.00	\$150.00	\$100.00		\$2,201.92

ATTACHMENT A.3. REFERENCE #3  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 SUMMARY OF ESTIMATED LABORATORY COSTS

Description	AQUEOUS SAMPLES				SOLID SAMPLES				TOTAL COST
	NUMBER OF TEST	NUMBER OF QA/QC SMPLS.	UNIT PRICE	SUBTOTAL COST	NUMBER OF TEST	NUMBER OF QA/QC SMPLS.	UNIT PRICE	SUBTOTAL COST	
RCRA HAZARDOUS CHARACTERIZATION									
TCLP VOLATILES					4	6	\$290.00	\$2,900.00	\$2,900.00
TCLP SEMIVOLATILES					4	4	\$400.00	\$3,200.00	\$3,200.00
TCLP PESTICIDES					4	4	\$135.00	\$1,080.00	\$1,080.00
TCLP HERBICIDES					4	4	\$190.00	\$1,520.00	\$1,520.00
TCLP METALS					4	4	\$100.00	\$800.00	\$800.00
IGNITABILITY					4		\$100.00	\$400.00	\$400.00
CORROSIVITY (pH)	3		\$10.00	\$30.00	4		\$100.00	\$400.00	\$430.00
REACTIVITY - CYANIDE					4		\$35.00	\$140.00	\$140.00
REACTIVITY - SULFIDE					4		\$20.00	\$80.00	\$80.00
<b>TOTAL COST</b>	<b>3</b>			<b>\$30.00</b>	<b>36</b>	<b>22</b>		<b>\$10,520.00</b>	<b>\$10,550.00</b>

ATTACHMENT A.3, REFERENCE #2  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 ESTIMATED SUBCONTRACTOR COST

DESCRIPTION	ESTIMATED MINIMUM QUANTITY	UNITS	UNIT PRICE	COSTS
ROUND TRIP MOBILIZATION (TASK 3)	1	EACH	\$947.00	\$947.00
DAILY RATE (INCLUDES): -3-MAN CREW -DUMP TRUCK -SERVICE TRUCK -TRAILER -BACKHOE				
TASK 4 (DRUM MOVING)	2	DAYS	\$2,500.00	\$5,000.00
TASK 7 (HAZ SOIL)	1	DAYS	\$2,500.00	\$2,500.00
TASK 8 (HAZ WATER)	1	DAYS	\$2,500.00	\$2,500.00
DISPOSAL ESTIMATES (1)				
- HAZARDOUS SOIL (TASK 7)	6	DRUMS	\$1,000.00	\$6,000.00
- HAZARDOUS WATER (TASK 8)	6	DRUMS	\$1,000.00	\$6,000.00
OVERPACKS (TASK 7)	47	EACH	\$85.00	\$3,995.00
<b>TOTAL SUBCONTRACTOR COST</b>				<b>\$26,942.00</b>

(1) DISPOSAL COSTS FOR HAZARDOUS SOIL AND WATER WILL BE DEPENDENT ON RESULTS OF LABORATORY ANALYSES  
 - COST ESTIMATES PROVIDED FOR PLANNING PURPOSES. ACTUAL COSTS MAY VARY SIGNIFICANTLY

ATTACHMENT A.4  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW  
 SUMMARY OF COST ESTIMATE

1. TOTAL DIRECT LABOR COST (REFER TO ATTACHMENT A.1)	\$6,335.38
2. INDIRECT COST (DIRECT LABOR COST X 1.2242)	\$7,755.77
3. TOTAL DIRECT LABOR AND INDIRECT COSTS (LINES 1+2)	\$14,091.15
4. TOTAL ODCs-INCLUDING EQUIPMENT, EXCLUDING SUBCONTRACTORS (REFER TO ATTACHMENT A.3)	\$2,828.42
5. AWARD FEE (10% ON TOTALS, LINES 3+4)	\$1,691.96
6. TOTAL SUBCONTRACTOR COSTS (REFER TO ATTACHMENT A.3)	\$37,492.00
7. AWARD FEE ON SUBCONTRACTORS COSTS (5% ON LINE 6)	\$1,874.60
8. TRAVEL COSTS (REFER TO ATTACHMENT A.2)	\$2,566.00
9. TOTAL COST INCLUDING SUBCONTRACTORS, EXCLUDING FEES (LINES 3+4+6+8)	\$56,977.57
10. TOTAL AWARD FEE POOL (LINES 5+7)	\$3,566.56
11. TOTAL CTO COST INCLUDING FEE (LINES 9+10)	\$60,544.13

ATTACHMENT A.5  
 CONTRACT TASK ORDER 0003  
 MCB CAMP LEJEUNE  
 DISPOSAL OF IDW

ESTIMATED COST SUMMARY BY TASK

	1. TOTAL DIRECT LABOR COST (ATT. A.1)	2. INDIRECT COST (COL 1 x 1.2242)	3. TOTAL DIRECT AND INDIRECT COSTS (COL 1 + 2)	4. TOTAL ODCs (INCLUDING EQUIPMENT) (ATT. A.3)	5. AWARD FEE (10 % ON COLS 3-4)	6. TOTAL SUBCONTRACTOR COSTS (ATT. A.3)	7. AWARD FEE ON SUBCONTRACTORS (5 % ON COL. 7)	8. TRAVEL COSTS (ATT. A.2)	9. TOTAL COST (COL 3+4 +6+8)	10. TOTAL AWARD FEE (COL. 5+7)	11. TOTAL COST (COL. 9+10)
TASK 1 - PROJECT MANAGEMENT	\$866.32	\$1,060.55	\$1,926.87		\$192.69				\$1,926.87	\$192.69	\$2,119.56
TASK 2 - PROJECT PLAN DEVELOPMENT	\$733.74	\$898.24	\$1,631.98	\$29.50	\$2.95				\$29.50	\$2.95	\$32.45
TASK 3 - MOB & SITE SETUP	\$1,419.44	\$1,737.68	\$3,157.12	\$161.50	\$16.15			\$472.00	\$3,629.12	\$315.71	\$3,944.83
TASK 4 - DRUM MOVING	\$776.60	\$950.71	\$1,727.31	\$1,901.92	\$190.19	\$947.00	\$47.35		\$2,848.92	\$237.54	\$3,086.46
TASK 5 - DRUM SAMPLING	\$853.16	\$1,044.44	\$1,897.60	\$100.00	\$10.00	\$5,000.00	\$250.00	\$272.00	\$5,100.00	\$260.00	\$5,360.00
TASK 6 - LABORATORY ANALYSIS	\$231.88	\$283.87	\$515.75	\$316.00	\$31.60			\$1,060.00	\$2,957.60	\$189.76	\$3,147.36
TASK 7 - HAZARDOUS SOIL DISPOSAL	\$487.52	\$596.82	\$1,084.34	\$94.00	\$9.40	\$10,550.00	\$527.50		\$316.00	\$31.60	\$347.60
TASK 8 - HAZARDOUS WATER DISPOSAL	\$487.52	\$596.82	\$1,084.34	\$32.00	\$3.20	\$12,495.00	\$624.75	\$694.00	\$515.75	\$51.57	\$567.32
TASK 9 - REPORT	\$479.20	\$586.64	\$1,065.84	\$32.00	\$3.20	\$8,500.00	\$425.00	\$68.00	\$10,644.00	\$536.90	\$11,180.90
TOTAL COST	\$6,335.38	\$7,755.77	\$14,091.15	\$2,828.42	\$1,691.96	\$37,492.00	\$1,874.60	\$2,566.00	\$11,527.00	\$627.95	\$13,154.95
									\$1,152.34	\$108.43	\$1,260.78
									\$8,532.00	\$428.20	\$8,960.20
									\$1,065.84	\$106.58	\$1,172.42
									\$161.50	\$16.15	\$177.65