

SE-260

AMENDMENT NO: 5

**AMENDMENT TO PROFESSIONAL SERVICES CONTRACT**

AGENCY: SC Office of Resilience

PROJECT NAME: USS Yorktown Environmental Assessment and Remediation

PROJECT NUMBER: D30-N021-MJ

NAME OF FIRM: Research Planning Inc.

This Contract is changed as follows: (Insert description of change in space provided below.)

Provide technical services to survey and make temporary repairs to the external hull and adjacent tanks between frames 26 and 79 on the USS Yorktown. Perform dewatering, cleaning, and disposal services for up to 42 deep tanks.

**ADJUSTMENTS IN THE CONTRACT SUM:**

**1. BASIC & SUPPLEMENTAL SERVICES FEE:**

Contract Fees Prior to This Amendment		\$2,150,580.00
Change in Fees Per This Amendment	\$44,760.00	
<b>Total Revised Basic &amp; Supplemental Services Fee:</b>		<b>\$2,195,340.00</b>

**2. ADDITIONAL SERVICES FEE:**

Contract Fee Prior to This Amendment		\$157,000.00
Change in Fee Per This Amendment	\$4,171,448.98	
<b>Total Revised Additional Services Fee:</b>		<b>\$4,328,448.98</b>

**3. REIMBURSABLE EXPENSES:**

Contract Fee Prior to This Amendment		\$601,520.00
Change in Amount Per This Amendment	\$1,685.00	
<b>Total Revised Reimbursable Expenses:</b>		<b>\$603,205.00</b>

**4. TOTAL CONTRACT AMOUNT:**

Total Contract Prior to This Amendment		\$2,909,100.00
Total Amendment Amount	\$4,217,893.98	
<b>Total Revised Contract Amount:</b>		<b>\$7,126,993.98</b>

**AGENCY ACCEPTANCE AND CERTIFICATION**

I certify that the Agency has authorized, unencumbered funds available for obligation to this contract.

Change is within Agency A-E Contract Amendment Certification of: \$0.00  Yes  No

BY: Em J. Fogarty TITLE: Chief of Staff E General Counsel DATE: 22 August 2023

*Authority to use ARPA funds for this project was granted in today's Joint Board Review Committee hearing pursuant to act 6 of 2023, eff. 20 April 2023*

**AMENDMENT TO PROFESSIONAL SERVICES CONTRACT**

**AGENCY:** SC Office of Resilience

**PROJECT NAME:** USS Yorktown Environmental Assessment

**PROJECT NUMBER:** D30-N021-MJ

**NAME OF FIRM:** Research Planning Inc.

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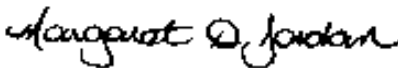
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Total Amendment Amount	\$4,217,893.98	
<b>Total Revised Contract Amount:</b>		\$7,126,993.98

**AGENCY ACCEPTANCE AND CERTIFICATION**

I certify that the Agency has authorized, unencumbered funds available for obligation to this contract.

Change is within Agency A-E Contract Amendment Certification of: \$0.00     Yes     No

**BY:** Karen Olson                      **TITLE:** Infrastructure Engineer                      **DATE:** 08/24/2023

**APPROVED BY:**                       **DATE:** 08/24/2023

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(OSE PROJECT MANAGER)

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AMENDMENT REQUEST NO.: 5**AMENDMENT REQUEST SUMMARY –  
PROFESSIONAL SERVICES CONTRACT**AGENCY: SC OFFICE OF RESILIENCEPROJECT NAME: USS YORKTOWN ENVIRONMENTAL ASSESSMENTPROJECT NUMBER: D30-N02 I-MJNAME OF FIRM: RESEARCH PLANNING INC**This Contract is requested to be changed as follows:** *(Insert description of change in space provided below.)*

Provide technical services to survey and make temporary repairs to the external hull and adjacent tanks between frames 26 and 79 on the USS Yorktown. Perform dewatering, cleaning, and disposal services for up to 42 deep tanks.

**ADJUSTMENTS IN THE CONTRACT SUM:****1. REQUESTED CHANGE TO BASIC & SUPPLEMENTAL SERVICES FEE:**

Change in Fee Per This Amendment

\$44,760.00

**2. REQUESTED CHANGE TO ADDITIONAL SERVICES FEE:**

Change in Fee Per This Amendment

\$4,171,448.98

**3. REQUESTED CHANGE TO REIMBURSABLE EXPENSES:**

Change in Amount Per This Amendment

\$1,685.00

**4. REQUESTED CHANGE TO TOTAL CONTRACT AMOUNT:****Total Amendment Amount:****\$ 4,217,893.98****A/E ACCEPTANCE:**BY: *(Signature of A/E Representative)*Date: 8/23/2023Print Name of A/E Representative: Jacquelin Michel**Instruction to A/E:** Attach documentation as needed to justify the requested change to the contract and submit to Agency.

**USS Yorktown Environmental Assessment Scope of Services  
and Cost Estimates for Immediate Repair  
Submitted to: South Carolina Office of Resilience**

Submitted by:  
Research Planning, Inc.  
23 August 2023

**Scope of Services**

Research Planning, Inc. (RPI), with T&T Salvage LLC, will provide technical services to survey and make temporary repairs to the external hull and adjacent tanks between frames 26 and 79 on the USS Yorktown. Additional targeted areas will include the flooded access trunks and normally occupied spaces between frames 32 and 55. T&T will subcontract to HEPACO, as required, for dewatering, cleaning, and disposal services for up to 42 deep tanks. The extent of repairs and restored integrity of spaces will be subject to the present damage condition, ingress of fluids and cost associated with removing and disposing of fluids and repairs. JMT will prepare "No Permit Required" letters to the USACE and OCRM on behalf of SCOR.

**Stage 1 External Survey and Repairs**

Divers will survey the external hull from the mudline to the extreme high-water elevation, noting the number and types of repairs recommended. A survey report will be made available, including details on the intended repair measures for each noted damage. The team will then make the repairs to the hull plating. During this time, a Naval Architect will be sounding and monitoring the target and adjacent tanks and spaces.

**Stage 2 Outer Tank Dewatering**

A dewatering sequence will be developed after consultation with the maintenance staff and or internal survey of tank loads, tidal observations, and flooding extents. Tanks will be dewatered sequentially and monitored for water ingress. Adjacent tanks and spaces or those known to be in communication with the target tank or group will be monitored to quantify the rate of ingress and potential extent of damage. Tanks with manageable ingress will be dewatered by overcoming the ingress with pump capacity to observe the source of leaks and plan repairs. If repairs cannot be made in a dewatered condition, divers will evaluate the ability to make the repairs internally. All fluids known to have contaminants will be transported to a disposal facility or discharged in accordance with stakeholder directives.

**Stage 3 Flooded Compartments**

The water levels in the flooded compartments between frames 32 and 55 will be monitored during stage 1 and 2. Observations or information obtained on site may warrant a revision to the planned operations. Once the outer boundary, deep tanks, are restored or known to be isolated or dry, the access trunks and internal compartments will be dewatered to identify damage, plan, and make repairs.

During all dewatering efforts, an initial differential of 4-6 feet will be established with adjacent spaces or low tide elevation. The tank levels will be monitored to determine the rate of ingress and evaluate the ability to overcome with the pumping capacity available. Pumping capacity may be limited by storage and disposal options, and it may be necessary to expand the resources available to identify the damage, plan and perform repairs.

HEPACO will provide the labor, equipment, and materials to remove a maximum of 1 million gallons of oily wastes/water from 42 tanks and clean 16 tanks to a gas-free state from frames 26-70. Using 5,000 gallon tanker trucks, there will be up to 200 transits on the pier, requiring close coordination with the Park staff to assure pedestrian safety.

Daily reports will be provided including details of personnel, equipment, and subcontractor resources on-site. Engineering reports, detailing progress, findings, and estimated schedule of immediate tasks will be provided weekly. Escalation of resources required, or variation order requests will be included in the weekly reports. RPI will provide a final technical report with all the data and results during the project.

### **Permitting Support**

JMT will prepare "No Permit Required" letters to the U.S. Army Corps of Engineers (USACE) and the S.C. Department of Health and Environmental Control Office of Ocean & Coastal Resources Management (OCRM) on behalf of SCOR. They will summarize the regulatory environment, existing conditions, reasoning for the work, and proposed types of work. The letters will include photos and existing condition drawings, and examples of the proposed patches. These are two very similar requests, and JMT has taken this into account as an efficiency.

### **Summary Costs**

Detailed costs are provided in the attachments provided by T&T.

<b>RPI Labor Costs</b>			
Personnel Classification	Hourly Rate	Hours	Total Cost (\$)
Project Manager	\$260.00	168	43,680
Editor	\$90.00	12	1,080
<b>Total Hours/Costs</b>		<b>180</b>	<b>44,760</b>
<b>Reimbursable Costs</b>			
	Unit Cost	Units	Costs
Ground Transportation - mileage	0.625	469	293
Lodging	190	4	760
Per diem	79	8	632
<b>Total Reimbursables</b>			<b>1,685</b>
<b>Subcontractor Costs</b>			
<b>T&amp;T</b>			3,965,306.00
<b>Permit Support by JMT</b>			7,502.55
<b>Subcontractor Multiplied by 5%</b>			198,640.43
<b>Subtotal subcontractors</b>			<b>4,171,448.98</b>
<b>Total Project Budget - RPI</b>			<b>\$4,217,893.98</b>

<b>T&amp;T</b>	
Task	Cost Summary
On-site Personnel	\$ 1,222,400.00
Remote and Office Admin Support	\$ 172,600.00
Lodging and per diem	\$ 195,832.00
T&T Equipment Rates	\$ 467,200.00
Reimbursable/Consumable Expenses	\$ 128,575.00
HEPACO	\$ 1,701,699.00
Mobilization/Demobilization	\$ 77,000.00
<b>TOTAL</b>	<b>\$ 3,965,306.00</b>

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<b>HEPACO</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Unit of Measure</b>	<b>Cost</b>
Mobilization/Initial Setup/Initial Purchases	1	\$ 100,000.00	JOB	\$ 100,000.00
Demobilization/Decom/Breakdown	1	\$ 47,500.00	JOB	\$ 47,500.00
Tank Cleaning Phase 1 (16 tanks)	47	\$ 11,825.00	DAY	\$ 555,775.00
Load, Trans, & Upload Oily Waste	200	\$ 1,450.00	LOAD	\$ 290,000.00
Oily Waste Disposal	800000	\$ 0.32	GALLON	\$ 256,000.00
Sludge Solidification	200000	\$ 0.80	GALLON	\$ 160,000.00
<b>Subtotal</b>				\$ 1,409,275.00
15% T&T Project Management (onsite management of contractors)				\$ 211,391.25
5% Admin/Accounting				\$ 81,033.31
<b>Total</b>				<b>\$ 1,701,699.56</b>

**JMT**

<b>Letter to ACOE</b>			
<b>Labor Category</b>	<b>Hours</b>	<b>Hourly Rate</b>	<b>Total</b>
Sr. Env. Scientist	19.5	181.89	3546.86
Project Manager	1.5	136.28	204.42
			3751.28
<b>Letter to OCRM</b>			
<b>Labor Category</b>	<b>Hours</b>	<b>Hourly Rate</b>	<b>Total</b>
Sr. Env. Scientist	19.5	181.89	3546.86
Project Manager	1.5	136.28	204.42
			3751.28
	<b>Total</b>		<b>7502.55</b>

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T&T Salvage, LLC  
 8717 Humble Westfield Rd, Bldg A  
 Humble, Texas 77338  
 (281) 446-4010

Prepared by:  
 Submitted to:  
 Date:  
 Revision

Andy Barron  
 RPI  
 21-Jul-23  
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**USS Yorktown Project Fee Schedule - Applicable to Work Order: SP10062-WO-23-05-R1**

<b>Fixed</b>	<b>WHSE Mobilization</b>	<b>\$ 33,000.00</b>
<b>Fixed</b>	<b>WHSE Demobilization/ RTS</b>	<b>\$ 44,000.00</b>

<b>Group A</b>	<b>Personnel</b>	<b>Day Rate</b>	<b>Days</b>	<b>Amount</b>
	Project Manager	\$ 2,100.00	32	\$ 67,200.00
	Salvage Master	\$ 2,100.00	64	\$ 134,400.00
	Salvage Officer	\$ 1,800.00	64	\$ 115,200.00
	Naval Architect	\$ 2,100.00	64	\$ 134,400.00
	2 - Salvage Technicians	\$ 3,000.00	64	\$ 192,000.00
	5 - Person Dive Team	\$ 7,800.00	64	\$ 499,200.00
	Logistics Coordinator	\$ 1,250.00	64	\$ 80,000.00
	<b>Subtotal</b>		<b>416</b>	<b>\$ 1,222,400.00</b>

<b>Group B</b>	<b>Remote Personnel</b>	<b>Daily Rate</b>	<b>Days</b>	<b>Amount</b>
	Project Leader	\$ 2,100.00	6	\$ 12,600.00
	Office-Administrative Support	\$ 2,500.00	64	\$ 160,000.00
	<b>Subtotal</b>		<b>70</b>	<b>\$ 172,600.00</b>

**Total Groups A & B \$ 1,395,000.00**

<b>Group C</b>	<b>Lodging and Per Diem</b>	<b>Daily Rate</b>	<b>Days</b>	<b>Amount</b>
	Per Diem per person (fixed rate)	\$ 79.00	728	\$ 57,512.00
	Lodging per night (fixed rate)	\$ 190.00	728	\$ 138,320.00
	<b>Subtotal</b>			<b>\$ 195,832.00</b>

<b>Group D</b>	<b>Units</b>	<b>Equipment on-hire (fixed rates)</b>	<b>Day Rate/ unit</b>	<b>Days</b>	<b>Amount</b>
	1	4x4 Truck	\$ 225.00	64	\$ 14,400.00
	1	Shallow Water Dive Package	\$ 1,950.00	64	\$ 124,800.00
	1	Dive Support Vessel	\$ 1,850.00	64	\$ 118,400.00
	1	4-Gas meter	\$ 150.00	64	\$ 9,600.00
	1	PID-gas meter	\$ 275.00	64	\$ 17,600.00
	1	Damage Control Package	\$ 750.00	64	\$ 48,000.00
	2	Ventilation Blower (electric)	\$ 75.00	64	\$ 9,600.00
	2	Ventilation duct/ 100'	\$ 35.00	64	\$ 4,480.00
	3	Safety Harness	\$ 25.00	64	\$ 4,800.00
	4	PPE / man Level D	\$ 35.00	64	\$ 8,960.00
	3	Field laptop	\$ 50.00	64	\$ 9,600.00
	1	Eng Tool Box	\$ 350.00	64	\$ 22,400.00
	1	Topside Cordless Tools	\$ 150.00	64	\$ 9,600.00
	4	VHF Radios	\$ 25.00	64	\$ 6,400.00
	1	Survey Kit	\$ 60.00	64	\$ 3,840.00
	3	Half face Respirator	\$ 35.00	64	\$ 6,720.00
	1	UHF Comm System w/Repeaters	\$ 750.00	64	\$ 48,000.00
		<b>Subtotal</b>			<b>\$ 467,200.00</b>

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Group E

Reimbursible Items ( estimated, to be billed in accordance with MSC dated 2016 and Work Order )

	Est. \$/unit	Est. units		Amount
Ground Transportation - mileage (flat rate)	\$ 0.66	7000	\$	4,585.00
Personnel mob/demob (Flights, taxis, fees)	\$ 850.00	24	\$	20,400.00
Level C/ splash Protection Gear	\$ 40.00	12	\$	480.00
Tyvek suit				
Boot covers set				
Respirator cartridge set				
Gloves pair				
Disposable ventilation duct	\$ 400.00	1	\$	400.00
Hazmat bags	\$ 7.00	10	\$	70.00
Trucking/ Shipping	\$ 10,000.00	1	\$	10,000.00
Van Rental	\$ 200.00	60	\$	12,000.00
Consumables				
Additional patching materials	\$ 10,000.00	1	\$	10,000.00
Duct tape	\$ 125.00	1	\$	125.00
Electrical tape	\$ 35.00	1	\$	35.00
Hand Cleaner	\$ 100.00	1	\$	100.00
Paper Towels	\$ 50.00	1	\$	50.00
Office Supplies	\$ 500.00	1	\$	500.00
Oil Absorbent (Gator)	\$ 20.00	4	\$	80.00
Oil Absorbent pads (Bale)	\$ 50.00	3	\$	150.00
Salvor Liability Insurance	\$ 69,000.00	1	\$	69,000.00
Cleaning/ decon brushes	\$ 50.00	12	\$	600.00
		Subtotal	\$	128,575.00
Subcontractor Estimate			\$	1,701,699.00
<b>TOTAL ALL GROUPS &amp; MOB/ DEMOB</b>				<b>\$ 3,965,306.00</b>

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**EXHIBIT A**

**NON-EMERGENCY RESPONSE RATE SCHEDULE  
(REV23 NON-ER – EFFECTIVE JULY 1, 2022)**

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EXHIBIT A - NON-EMERGENCY RESPONSE RATE SCHEDULE

LABOR	JOB CATEGORY	HOURLY RATES		
		Straight Time	Premium Rates	
			Overtime	Holiday Time
L4	Emergency Response Manager	\$170.40	\$255.60	\$340.80
L6	Project Manager	\$106.00	\$159.00	\$212.00
L9	Senior Health/Safety Specialist	\$108.00	\$162.00	\$216.00
L15	Supervisor/General	\$97.91	\$146.87	\$195.82
L16	Field Manager/Response Coordinator	\$78.60	\$117.90	\$157.20
L17	Boat Operator	\$76.00	\$114.00	\$152.00
L18	Foreman/General	\$76.56	\$114.84	\$153.12
L20	Equipment Operator	\$69.60	\$104.40	\$139.20
L22	Truck Driver	\$69.60	\$104.40	\$139.20
L24	Technician	\$60.56	\$90.84	\$121.12
L5	Certified Industrial Hygienist	\$171.12	\$256.68	\$342.24
L25	Project Accountant	\$81.00	\$121.50	\$162.00
L28	Administrative Assistant	\$55.00	\$82.50	\$110.00
L29	Environmental Professional/Chemist	\$84.00	\$126.00	\$168.00
<b>LODGING &amp; PER DIEM</b>				
L31	Per Diem	\$225.00	Day	
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b>				
PPE1	Level A (per Person) – Includes First SCBA Bottle	\$710.00	Day	
PPE2	Level B (per Person) – Includes First SCBA Bottle	\$600.00	Day	
PPE3	Level C (per Person) – Includes First Set of Filters	\$246.00	Day	
PPE4	Level D (per Person)	\$45.00	Day	
PPE46	Level D FR Clothing Required (per Person)	\$52.00	Day	
PPE47	Confined Space Entry Package	\$665.00	Day	
PPE48	Confined Space Rescue Package	\$3,660.00	Day	
PPE49	Cold Weather/Mustang Suit (per Person)	\$140.00	Day	
<b>VEHICLES – ROLLING STOCK</b>				
V1	Mobile Command Center (53')	\$188.85	Hour	
V2	Command Center Trailer (30')	\$97.85	Hour	
V3	Emergency Response Trailer (12' to 14')	\$512.93	Day	
V4	Emergency Response Trailer (24')	\$590.68	Day	
V5	Emergency Response Trailer (32')	\$585.56	Day	
V6	Chemical Transfer Trailer	\$101.76	Hour	
V7	Boom Trailer (Boom not included)	\$54.80	Hour	
V8	Emergency Response Truck	\$96.87	Hour	
V9	Decontamination Trailer	\$39.14	Hour	
V11	Road Tractor	\$90.02	Hour	
V12	Stainless Steel Vac Tanker	\$117.42	Hour	
V14	Vacuum Tanker	\$93.94	Hour	
V16	Frame Truck	\$61.65	Hour	
V19	Service Truck (Mechanic)	\$43.05	Hour	

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V21	Rail (Roll Off) Trailer	\$73.35	Hour
V24	12' - 16' Utility Trailer	\$20.55	Hour
V25	Vacuum Truck (3,000 - 3,500 Gal.)	\$141.88	Hour
V27	Air Mover Vacuum Truck w/Rotary Vane	\$203.53	Hour
V29	High-Rail Vacuum Truck	\$298.44	Hour
V30	Vacuum Truck/Trailer Clean Out Charge	\$407.06	Each
V34	Pick-up Truck (3/4 Ton and 1/2 Ton)	\$22.57	Hour
V37	Pick-up Truck (4 Wheel Drive)	\$23.51	Hour
V38	Flatbed w/Lift Gate	\$76.32	Hour
V39	1 Ton Flatbed (Crew Cab)	\$26.46	Hour
V43	UTV/ATV Vehicles	\$37.18	Hour
V46	Box Truck (16' to 24')	\$48.37	Hour
V49	Dump Truck	\$68.12	Hour
V50	Box Trailer	\$34.25	Hour

V60	Pressure Washer Box Truck	\$127.21	Hour
V61	Pressure Washer Trailer	\$107.64	Hour
V56	Vehicle Use - Pick-Ups, Vans, Cars	\$0.90	Mile
V57	Vehicle Use - Large Trucks	\$2.40	Mile
V58	Decontamination Charge (Cost + %)	25	%
V59	Miscellaneous Rentals (Cost + %)	25	%

**BOATS AND MARINE EQUIPMENT - Workboat includes motor**

B5	Workboat (30' - 39')	\$210.00	Hour
B6	Workboat (20' - 29')	\$139.00	Hour
B7	Workboat (17' - 19')	\$108.00	Hour
B8	Workboat (12' - 16')	\$64.00	Hour
B9	Workboat (up to 12')	\$33.00	Hour

**HEAVY EQUIPMENT**

HEQ1	Backhoe 416B or equivalent	\$106.56	Hour
HEQ5	Skidsteer	\$66.54	Hour
HEQ6	Skidsteer Sweeper Attachment or equivalent (when rented with Skidsteer)	\$42.73	Hour
HEQ7	Skidsteer Sweeper Brush Wear in addition to Sweeper Rental	\$170.26	Inch (Diameter)
HEQ8	Skidsteer Fork Attachment or equivalent (when rented with Skidsteer)	\$14.21	Hour
HEQ9	Skidsteer Trailer (when rented with Skidsteer)	\$23.48	Hour
HEQ10	5000-Lb Forklift - All Terrain 4 x 4	\$81.22	Hour
HEQ13	JD 544 Rubber Tire Loader or equivalent	\$100.79	Hour
HEQ16	CAT 943 Track Loader or equivalent	\$73.39	Hour
HEQ19	Mini Excavator	\$78.28	Hour
HEQ20	PC 150 Excavator or equivalent	\$132.10	Hour
HEQ47	Maintenance & Repair (Cost + %)	25	%

**RECOVERY / TREATMENT / STORAGE EQUIPMENT**

R2	36" Barrel Skimmer	\$121.80	Hour
R7	24" Barrel Skimmer	\$113.40	Hour
R8	Up to 17" Containment Boom (per foot)	\$3.15	Day

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# HEPACO™

R9	18" Containment Boom (per foot)	\$4.20	Day
R15	1" Electric Pump	\$21.00	Hour +REBUILD
R16	1" Polypropylene Pump	\$23.10	Hour +REBUILD
R17	1-1/2" Double Diaphragm Pump	\$37.80	Hour +REBUILD
R18	Submersible (2") Pump	\$45.15	Hour +REBUILD
R20	2" Stainless Steel Diaphragm Pump	\$52.50	Hour +REBUILD
R21	2" Diaphragm Pump	\$37.80	Hour +REBUILD
R22	2" Trash Pump	\$31.50	Hour +REBUILD
R23	3" Diaphragm Pump	\$43.05	Hour +REBUILD
R24	3" Stainless Steel Pump	\$73.50	Hour +REBUILD
R25	3" Trash Pump	\$36.75	Hour +REBUILD
R33	Industrial Water Hose	\$0.80	Per Foot Per Day
R35	2" Discharge Hose	\$0.60	Per Foot Per Day
R36	3" Discharge Hose	\$0.80	Per Foot Per Day
R37	2" Chemical Suction Hose	\$3.70	Per Foot Per Day
R38	3" Chemical Suction Hose	\$5.90	Per Foot Per Day
R39	2" Reg. Suction Hose	\$1.10	Per Foot Per Day
R40	3" Reg. Suction Hose	\$1.65	Per Foot Per Day
R44	6" Aluminum Vacuum Pipe (£ 10' section)	\$31.50	Day
R45	6" Aluminum Fittings (90's, 45's, etc.)	\$63.00	Day
R46	6" Aluminum Wye's	\$147.00	Day
R47	Hydraulic Hose (£ 100' section)	\$126.00	Day
R59	10 - 15 CFM Air Compressor	\$21.00	Hour
R61	185 CFM Air Compressor	\$42.00	Hour
R70	Betts Emergency Unloading Fixture	\$126.00	Hour
R76	Poly Tote 250 to 350 Gal.	\$439.24	Day
R79	Frac Tank Containment	\$73.50	Day
R81	21,000 Gallon Frac Tank	\$115.50	Day
R83	Roll Off Box	\$56.00	Day

R86	Vacuum Box	\$157.50	Day
R87	Drum Vacuum - single head	\$44.10	Hour
R88	Drum Vacuum - dual head	\$46.20	Hour
R98	Skim Pack	\$97.65	Hour
R99	Brush Skimmer	\$152.25	Hour
R102	Boom Vane	\$798.00	Day
R103	Watergate Unit	\$798.00	Day
R101	Hose & Equipment, Cleaning, Repair (Cost + %)	25	%

## MISCELLANEOUS EQUIPMENT

ME2	Portable Light Stand	\$54.90	Day
ME4	Light Plant	\$55.30	Hour
ME15	Drill	\$19.03	Hour
ME16	Sawzall	\$11.97	Hour
ME24	Generator - Up to 5 KW	\$36.07	Hour

EST

# HEPACO™

ME25	Generator - 6-30 KW	\$51.98	Hour
ME34	Pressure Cleaner – 2,500 psi	\$55.86	Hour
ME35	Hot Water Pressure Washer 3,000/4,000 psi	\$82.76	Hour
ME36	High Pressure Washer - 10,000 psi (28 gal/min)	\$127.68	Hour
ME37	High Pressure Washer - 10,000 psi (70 gal/min)	\$171.57	Hour
ME107	3D/2D Cleaning Head	\$60.85	Hour
ME39	Air Blower	\$11.97	Hour
ME43	Cut Off Saw	\$39.90	Hour
ME61	Shop Vac	\$9.98	Hour
ME62	Mercury Vac	\$98.76	Hour
ME63	HEPA Vac	\$55.87	Hour
ME65	AFD/Negative Air Machine (w/o Filters)	\$21.95	Hour
ME66	Non-Sparking Tool Set (reconditioning additional, if required)	\$129.91	Day
ME67	Tanker Tapping Kit	\$451.99	Day
ME76	Air Tools (Each)	\$11.97	Hour
ME80	Step Ladders	\$11.97	Hour
ME106	Misc Items (without a corresponding line item) (Cost + %)	25	%
<b>MATERIALS/DISPOSABLES</b>			
M6	Oil Snare on Rope	\$149.00	Each
M7	Oil Snare	\$125.66	Each
M8	Absorbent Roll	\$288.40	Each
M9	Absorbent Sweep	\$184.37	Each
M15	Oil Dry (Bag)	\$28.00	Each
M16	Vermiculite (Bag)	\$78.00	Each
M40	Acid Socks	\$52.53	Each
M41	Petroleum Socks	\$26.78	Each
M43	Absorbent Pads – Chemical	\$6.00	Each
M45	5 Gallon Bucket	\$21.00	Each
M46	5 Gallon Biohazard Disposal Package	\$321.36	Each
M54	Poly Bags - 6 Mil	\$6.18	Each
M55	Duct Tape/Roll	\$17.00	Each
M56	DOT & Hazardous Waste Labels	\$7.21	Each
M57	Cubic Yard Box	\$142.14	Each
M58	Cubic Yard Box Liner	\$89.61	Each
M62	55 Gallon Drum Liners - 10 Mil	\$21.63	Each
M63	Roll Off Liners	\$175.10	Each
M64	17H/E 55 Gallon Drums	\$134.63	Each
M65	17H/E 55 Gallon - Reconditioned Drums	\$95.12	Each
M68	15 Gallon Poly/Steel Drums	\$73.13	Each
M69	20 Gallon Poly/Steel Drums	\$79.31	Each
M70	30 Gallon Poly/Steel Drums	\$92.70	Each
M71	55 Gallon Poly Drums	\$127.00	Each
M72	85 Gallon Recovery Drums - Steel	\$336.00	Each
M73	95 Gallon Recovery Drums - Plastic	\$518.00	Each

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M75	Absorbent Boom - Disposable - 4"	\$118.45	Each
M76	Absorbent Boom - Disposable - 5"	\$281.19	Each
M78	Absorbent Pads (per Bale)	\$167.32	Each

M134	Biosolve (or equivalent)	\$98.88	Gallon
M135	Microblaze (or equivalent)	\$100.94	Gallon
M148	pH Paper (per package)	\$31.93	Each
M149	Sample Container	\$16.48	Each
M162	Disposable Flex Pipe 6", 100 ft. roll	\$447.02	Each
M163	Disposable Flex Pipe 4", 100 ft. roll	\$357.41	Each
M173	Miscellaneous (without corresponding item)(Cost + %)	25	%

## MONITORING/SAMPLING EQUIPMENT AND MATERIALS

M/SE1	PID Meter	\$29.40	Hour
M/SE24	Personnel Air Sampling Pumps (Low & Medium Flow)	\$10.50	Hour
M/SE25	High Volume Air Sampling Pump	\$25.20	Hour
M/SE27	Oxygen Detector	\$11.55	Hour
M/SE28	Explosion Meter	\$11.55	Hour
M/SE29	Drager Pump	\$12.60	Hour
M/SE31	4 Gas Meter	\$44.10	Hour
M/SE32	Hazardous Characterization Kit	\$298.20	Hour
M/SE37	PID w/3 Gas Meter	\$61.95	Hour
M/SE40	Mercury Monitor	\$91.35	Hour

## LABORATORY AND ANALYTICAL

LA72	Miscellaneous Tests (without a line item)(Cost + %)	25	%
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## DISPOSAL

D1	Drum Storage (Each)	\$28.35	Day
D2	Non-Haz Solids Disposal	\$210.00	Drum
D3	Non-Haz Solids Disposal	\$73.50	Ton
D4	Non-Haz Liquids Disposal	\$1.25	Gallon
D5	Non-Haz Sludge Disposal	\$253.05	Ton
D6	Non-Haz Cubic Yard Box Disposal	\$656.25	Each
D7	Non-Haz Liquids Disposal	\$630.00	Tote
D8	Non-Haz Liquids Disposal	\$141.75	Drum
D9	Non-Haz Overpacked Drum Surcharge	\$157.50	Drum
D10	Bio-Hazardous Disposal	\$525.00	Drum
D11	Waste Profile Fee	\$150.00	Each
D12	Waste Transportation (other than trucks)(Cost + %)	25	%
D13	Miscellaneous Non-Haz Disposal (Cost + %)	25	%
D14	Hazardous Waste Disposal (Cost + %)	25	%

## REPORTS

E1	DOT 5800	\$145.23	Each
E2	State/Local Regulatory Telephonic Reporting (per notification)	\$24.72	Each
E3	NRC Report	\$48.41	Each
E4	Initial Written Report	\$96.82	Each

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E5	Federal RQ Report	\$242.05	Each
E6	Interim Report	\$96.82	Each
E7	Final Written Report	\$242.05	Each
E8	Report Submitted to CUPA, LEPC, Parish	\$103.00	Each
E9	Federal EPA Report	\$508.82	Each
<b>ENERGY, SECURITY AND RECOVERY FEE</b>			
F1	Energy, Security and Recovery Fee (Applied to Total Invoice excluding Cost + items) (To be applied to all invoices)	15.0	%
<b>INSURANCE</b>			
USL&H1	Jones Act/USL&H (if applicable) (Cost + %)	25	%
<b>SUBCONTRACTORS</b>			
S1	Subcontractors (Cost + %)	25	%
<p>***A full list of resources can be found on the Supplemental Rate Sheet and will be invoiced accordingly. Reimbursement Terms and Conditions shall be as set forth in the Reimbursement Terms and Conditions for Time and Materials Contracts attached hereto and incorporated herein by reference.</p>			

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