

SE-260

AMENDMENT NO.: 2

AMENDMENT TO PROFESSIONAL SERVICES CONTRACT

AGENCY: SOUTH CAROLINA OFFICE OF RESILIENCE

PROJECT NAME: USS YORKTOWN ENVIRONMENTAL ASSESSMENT AND REMEDIATION

PROJECT NUMBER: D30-N021-MJ

NAME OF FIRM: RESEARCH PLANNING INC

CONTRACT DATE: 16-NOV-22

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

ADDING:

PROJECT ADMINISTRATION

COMPLETE CATALOG AREAS, TANKS AND COMPARTMENTS

IDENTIFY ENVIRONMENTAL CONTAMINANTS

PRIORITIZE HAZARDS OF EACH CONTAMINANT TO THE ENVIRONMENT AND PEOPLE

ADJUSTMENTS IN THE CONTRACT SUM:

1. BASIC & SUPPLEMENTAL SERVICES FEE:

Contract Fee Prior to This Amendment		\$139,409.00
Change in Fee Per This Amendment	\$1,768,863.00	
Total Revised Basic & Supplemental Services Fee:		\$ 1,908,272.00

2. ADDITIONAL SERVICES FEE: Contract Fee Prior to This Amendment

Contract Fee Prior to This Amendment		\$30,000.00
Change in Fee Per This Amendment	\$127,000.00	
Total Revised Additional Services Fee:		\$ 157,000.00

3. REIMBURSABLE EXPENSES: Contract Amount Prior to This Amendment

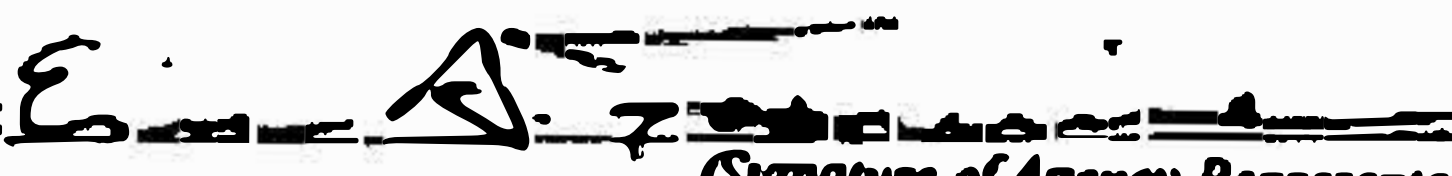
Contract Amount Prior to This Amendment		\$156.00
Change in Amount Per This Amendment	\$549,153.00	
Total Revised Reimbursable Expenses:		\$ 549,309.00

4. TOTAL CONTRACT AMOUNT: Total Contract Prior to This Amendment

Total Contract Prior to This Amendment		\$169,565.00
Total Amendment Amount	\$2,445,016.00	
Total Revised Contract Amount:		\$ 2,614,581.00

AGENCY ACCEPTANCE AND CERTIFICATION:

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

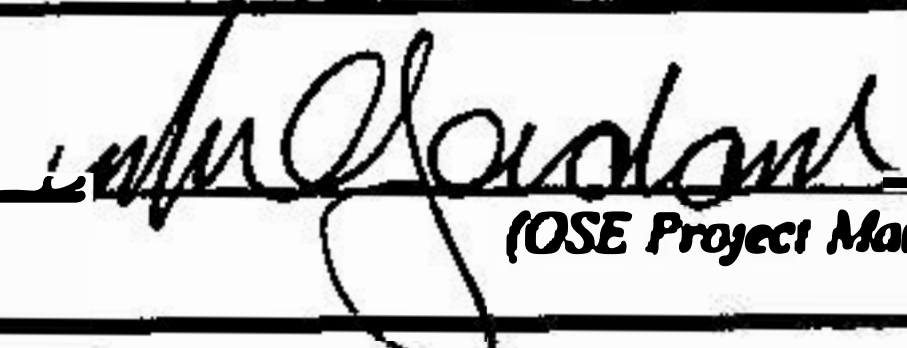
BY: 
(Signature of Agency Representative)

DATE: 1/5/2023

PRINT NAME: ERIC G. FOSMIRE

TITLE: CHIEF OF STAFF & GENERAL COUNSEL

Change is within Agency Architect/Engineer Contract Amendment Certification of: \$ 0 Yes No

APPROVED BY: 
(OSE Project Manager)

DATE: 1/6/23

SUBMIT THE FOLLOWING TO OSE

1. ~~SC-260~~, completed and signed by the Agency.
2. SE-260, Page 2, completed and signed by the A/E, with back-up information to support request.

AMENDMENT REQUEST SUMMARY – LARGE CONTRACT

AGENCY: SOUTH CAROLINA OFFICE OF RESILIENCE

PROJECT NAME: USS YORKTOWN ENVIRONMENTAL ASSESSMENT

PROJECT NUMBER: D30-N021-MJ

NAME OF FIRM: RESEARCH PLANNING INC

This Contract is requested to be changed as follows: *(insert description of change in space provided below.)*

ADDING:
PROJECT ADMINISTRATION
COMPLETE CATALOG AREAS, TANKS AND COMPARTMENTS

**IDENTIFY ENVIRONMENTAL CONTAMINANTS
PRIORITIZE HAZARDS OF EACH CONTAMINANT TO THE ENVIRONMENT AND PEOPLE**

ADJUSTMENTS IN THE CONTRACT SUM:

1.	REQUESTED CHANGE TO BASIC & SUPPLEMENTAL SERVICES FEE: <i>Change in Fee Per This Amendment</i>	\$1,768,863.00
2.	REQUESTED CHANGE TO ADDITIONAL SERVICES FEE: <i>Change in Fee Per This Amendment</i>	\$127,000.00
3.	REQUESTED CHANGE TO REIMBURSABLE EXPENSES: <i>Change in Amount Per This Amendment</i>	\$549,153.00
4.	REQUESTED CHANGE TO TOTAL CONTRACT AMOUNT: Total Amendment Amount:	\$ 2,445,016.00

A/E ACCEPTANCE:

BY:  **Date:** 5 January 2023
(Signature of A/E Representative)

Print Name of A/E Representative: Jacqueline 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 Task 1, Task 2.1B, Task 2.3, and Task 2.4
Submitted to: South Carolina Office of Resilience**

Submitted by:
Research Planning, Inc.
5 January 2023

Introduction

The attached spreadsheet shows the costs for each task based on the assumptions of the number of days/hours the various assessment and sampling teams will need to complete this scope, the amount of equipment and supplies needed to safely and efficiently conduct the works. It includes the proposed maximum number of samples. The RPI Team will track the actual level of effort and report to SCOR as soon as we learn that these assumptions are being exceeded, and we will request and justify amendments as appropriate. We want to emphasize that there are many uncertainties that we cannot anticipate while working on such a complex ship that is open to the public. The costs and schedule do not include complications associated with opening previously inaccessible tanks that may contain jet fuel or other volatile gases, which would require special operations and closure of the ship to the public during such operations.

Task 1 Project Administration and Meetings

RPI will prepare weekly email updates and monthly project review during virtual meetings.

RPI and JMT staff will prepare for, participate in, and provide summaries of the meetings throughout this project. Specifically, JMT staff will facilitate an Issue Identification Workshop to document state and federal agency concerns and to guide development of the Environmental Document. We have budgeted for up to 2 one-on-one meetings to gather input from agencies not able to attend the workshop. There may be additional meetings, as needed, with the SCDHEC staff to get their input on cleanup recommendations and cleanup thresholds, particularly for PCBs and asbestos. Upon completion Task 2, we will plan and facilitate a public meeting to obtain comments from citizens and public stakeholders and incorporate substantive comments into the study.

We will facilitate one additional meeting with regulatory agencies for final comments and clearance on the 90% specifications. T&T Project Manager and the Lead Naval Architect will attend a 90% completion and final stakeholder meetings as required. We would be glad to arrange additional meetings with SCOR and other key stakeholders during various phases of the survey.

Project administration will begin upon contract award. The meetings with agency representatives and stakeholders will be scheduled once Task 2.6 is complete, when we have a full understanding of the remediation needs and initial priorities.

Task 2.2 Preliminary Survey to Identify All Areas, Tanks, and Compartments that may be Contaminated and Provide a Plan Detailing How to Access All Areas (Completed under initial contract award)

Task 2.1A Confined Space Entry Training, HECSALV Model Preparation, and Cataloguing of Spaces (Completed under contract amendment No. 1)

Task 2.1B Complete Catalogue Areas, Tanks, and Compartments

The costs are provided to complete the rest of Task 2.1 and consists of the following:

- Access all of the compartments, soundings, sampling and general condition inspection. Soundings and contents observations will be used to establish the current bulk liquid loading condition. Each tank will be sounded once. Tank levels that are similar to adjacent tank levels or the sea will be noted. Estimated ground reaction will be based on LSW information and estimated deadweight in addition to the tank loading.
 - Collect samples for all fluids/sludges found in tanks; Piping will be assumed to contain the general type of fluid for which it serves.
 - Collect samples from known hydraulic systems
 - Collect samples from fixed firefighting systems (sea water systems)
 - Transformers will be assumed to contain PCBs
- Update the model with the loading condition, confirming volumes with available tank tables.
- T&T will identify area for sampling of PCB and other contaminants including refrigeration chillers, fixed firefighting systems (extinguishing agents, if any), and universal wastes (asbestos, lead-based paint, etc.). Working closely with the GEL Industrial Hygienist and Project Manager, directives will be developed to guide the T&T team on contaminant areas for sampling by GEL inspectors. Sampling materials, transportation, continuous record, testing, and results interpretation are included under RPI and GEL costs in Task 2.3. The plan is for the T&T team, once they have completed their initial survey and have a good understanding of the areas for PCB and other contaminant sampling and access requirements, to split off staff to guide and support the GEL sampling team over two periods, to allow time for some initial chemical results to inform/confirm the sampling plan.
- RPI will develop a Survey 123 application to meet the requirements of the T&T team in data capture during the condition survey.

Deliverables for Task 2.1B will include:

- The deliverables will be the HECSALV report (structural tanks that have been sounded) and the data compiled in the survey app. A written report will be submitted summarizing the operation, methods, and level of completion, along with explanation for spaces omitted. The HECSALV report will be in draft at the end of the 45 days (updated during the work) along with the data in excel spreadsheets to include lists of spaces, general condition, and information similar to Shaw (2013) report. The final report will be

delivered within 5 business days after all equipment and personnel have returned to their origin.

The current costs are documented in the attached spreadsheet and are based on:

- All labor is a lump sum amount to be billed at a percent complete of the labor hours shown on the cost proposal. That is, no backup showing actual hours/days charged is required. Percent completion for personnel or equipment mobilized to the work site will be based on durations starting on the day the equipment or personnel depart from the place or origin and ending when returned to the place of origin.
- The T&T Mobilization and Demobilization fees will be billed as a lump sum.
- The T&T-sourced gear and supplies (e.g., laptops, radios, engineering tool boxes) will be billed as lump sum, based on a percent complete basis.
- Reimbursable costs will be documented in a detailed cost sheet for each invoice without backup receipts.
- Airline tickets at 2x the number of T&T staff, in case of staff having to leave and be replaced because of sickness, personal reasons, and having to bring in specialized staff for project-specific needs.

The proposed schedule for completing Task 2.1 is shown in the attached Gantt chart, with the team arriving 13 January and departing 27 February 2023.

Task 2.3 Identify Environmental Contaminants

RPI and GEL will develop and implement the sampling plan to identify environmental contaminants that will have to be evaluated as part of the remediation plan. The per-sample costs are based on a 10 business day turn-around time. The not-to-exceed level of effort for each labor category is indicated in the attached spreadsheet. This task will be completed within 10 business days after submittal of the last set of samples to the GEL laboratory and the results provided to RPI. At that same time, RPI will submit to SCOR a list of the samples completed and any issues with completion of the sampling plan due to safety or access restrictions. Collection and analysis of additional samples (more than the maximums stated below), if approved by SCOR, will be at similar rates for labor and sample analysis.

It is noted that GEL's company policy is that their staff are not allowed to do confined space entries. Therefore, T&T staff will be trained to collect samples in confined spaces, when deemed necessary and quality control can be maintained.

Oil and Water Samples

The sampling plan is to collect a maximum of 30 oil samples for Diesel-range Organics (DRO), 90 water samples for DRO, and 57 water samples for metals. T&T will collect all liquid samples.

PCBs

The *Yorktown* contains abundant hydraulic machinery, some of which are leaking. RPI proposes to sample using PCB wipes all leaking hydraulic machinery that posed a risk to the public and

Yorktown staff, estimated to be a maximum of 100 wipe samples. GEL will be responsible for sampling using the PCB wipes. T&T will provide staff to guide the GEL team to sampling locations.

Asbestos

In areas where asbestos is determined to potentially be a hazard to the public and *Yorktown* staff, a bulk sample will be collected using a wet wipe and a HEPA vacuum to collect any mobilized asbestos (method approved by SCDHEC). A maximum of 100 bulk samples will be collected. Park staff will assist with identification of areas of asbestos concern, particularly where asbestos poses risks to Park staff and visitors. GEL will be responsible for asbestos sampling (their asbestos inspectors are licensed by SCDHEC). T&T will provide staff to guide the GEL team to sampling locations.

Lead-based Paint

Lead-based paint will be identified using a hand-held XRF analyzer. This method can only detect lead in paint on the surface, not lead-based paint under new (non-lead) paint. T&T and Park staff will assist with identification of areas of lead-based paint concern, particularly where peeling lead-based paint poses risks to Park staff and visitors. GEL will be responsible for lead paint detection. T&T will provide staff to guide the GEL team to sampling locations.

The proposed schedule is to complete Task 2.3 (sample collection) by 17 February 2023, as shown in the Gantt chart.

Task 2.4 Prioritize the Hazards of Each Contaminant to the Environment and People

RPI and GEL will use the results of the chemical analyses to characterize the hazards of the contaminants present onboard the USS *Yorktown*. The not-to-exceed level of effort by labor category is indicated in the spreadsheet. This task will be completed within ~20 business days after all sample results are received from the GEL laboratory (10 business day turnaround). Thus, the proposed schedule is to complete Task. 2.4 by 31 March 2023.

Summary Costs

Client:	SCOR				
Project:	USS Yorktown EA Tasks 1, 2.1B, 2.3, and 2.4				
Date:	1/5/23				
Labor Costs	Task 1	Task 2.1B	Task 2.3	Task 2.4	Totals
	Proj Mgt	Catalogue	ID Environmental	Hazard	
	Meetings	Areas, Tanks,	Contaminants	Prioritization	
Personnel Classification		Compartments			
RPI Labor Cost	26,016	23,600	21,640	27,664	98,920
T&T Labor Costs	16,800	1,417,350			1,434,150
GEL Labor Costs		24,400	50,250	24,400	99,050
JMT Labor Costs	25,024				25,024
RPI Administrative Costs	2,491	103,282	4,726	1,220	111,719
Total Labor Costs	70,331	1,568,632	76,616	53,284	1,768,863
T&T Fixed Price Costs		127,000			127,000
Reimbursible Costs					
RPI	1,007	807	494		2,308
T&T	4,679	496,083			500,762
JMT	2,315	-			2,315
GEL	-	-	43,768		43,768
Total Reimbursible Costs	8,001	496,890	44,262		549,153
Total Task Budget	78,332	2,192,522	120,878	53,284	2,445,016

Client:	South Carolina Office of Resilience				
Project:	Yorktown EA				1.05
Date:	1/5/23				

RPI Labor Costs	Task	Task 1	Task 2.1B	Task 2.3	Task 2.4		
Personnel Classification	Hourly Rate	Project Admin & Meetings	Catalogue Areas, Tanks, Compartments	ID Environmental Contaminants	Hazard Prioritization	Total hours	Labor Cost
Project Manager	\$260.00	96	40	60	72	268	\$69,680
Ecologist	\$110.00				24	24	\$2,640
Editor	\$88.00	12			8	20	\$1,760
Data Manager	\$95.00		80	40		120	\$11,400
GIS Manager	\$140.00		40	16	40	96	\$13,440
						0	\$0
Total Hours		108	160	116	144	528	
RPI Labor Cost		\$26,016	\$23,600	\$21,640	\$27,664		\$98,920

Reimbursable Costs	Unit Cost	Task 1	Task 2.1	Task 2.3	Task 2.4	Reimbursable Costs
Ground Transportation - mileage	0.625	469	469	156		\$1,094
Lodging		400	200	200		\$800
Per diem		138	138	138		\$414
Total Reimbursables		\$1,007	\$807	\$494	\$0	\$2,308

Total Project Budget - RPI		\$27,023	\$24,407	\$22,134	\$27,664		\$101,228
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T&T Costs for Task 1

T&T Labor Costs		Task	Task 1
Personnel Classification		Daily Rate	Project Admin & Meetings (Planning)
Project Manager		\$2,100.00	4
Salvage Master		\$2,100.00	
Salvage Foreman		\$1,800.00	
Salvage Technician		\$1,500.00	
Safety Officer		\$1,800.00	
Logistics Coordinator		\$1,250.00	
Office-Admin-Whse		\$2,500.00	
Naval Architect I		\$2,100.00	4
Naval Architect II		\$2,100.00	
Cost Controller (Remote)		\$1,200.00	
		\$3,000.00	
Total Days			8
Labor Cost			\$16,800
T&T Reimbursable Costs		Unit Cost	Task 1
Days			10
Ground Transportation - mileage		\$0.63	\$31
Flights		\$850.00	1,700
Lodging		\$227.00	\$1,816
Per Diem/ Per person		\$79.00	\$632
1/2 ton Truck - rental		\$150.00	
3/4 ton Truck Rental		\$175.00	
Car Rental		\$125.00	\$500
Total Reimbursables			\$4,679
Total Task 1 Budget - T&T			\$21,479



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

Prepared by: Andy Barron
Submitted to: RPI
Date: 5-Jan-23
Revision: 14

USS Yorktown Project Fee Schedule - Applicable to Work Order: SP10062-WO-23-03-R2

Fixed	WHSE Mobilization	\$	59,000.00
Fixed	WHSE Demobilization/ RTS	\$	68,000.00

Group A	Survey Personnel	Day Rate	Days	Amount
	Project Leader	\$ 2,100.00	2	\$ 4,200.00
	Project Manager	\$ 2,100.00	55	\$ 115,500.00
	Salvage Master	\$ 2,100.00	55	\$ 115,500.00
	Salvage Officers	\$ 1,800.00	90	\$ 162,000.00
	Naval Architects	\$ 2,100.00	100	\$ 210,000.00
	Marine Engineer	\$ 2,100.00	45	\$ 94,500.00
	Safety Officer	\$ 1,800.00	5	\$ 9,000.00
	Salvage Technicians	\$ 1,500.00	270	\$ 405,000.00
	Logistics Coordinator	\$ 1,250.00	55	\$ 68,750.00
	Subtotal		677	\$ 1,184,450.00

Group B	Remote Personnel	Daily Rate	Days	Amount
	Project Leader	\$ 2,100.00	2	\$ 4,200.00
	Office-Administrative Support	\$ 2,500.00	55	\$ 137,500.00
	Project Cost Controller	\$ 1,200.00	55	\$ 66,000.00
	Draftsman	\$ 1,800.00	14	\$ 25,200.00
	Subtotal		126	\$ 232,900.00

Total Groups A & B \$ 1,417,350.00

Group C	Lodging and Per Diem	Daily Rate	Days	Amount
	Per Diem per person (fixed rate)	\$ 79.00	677	\$ 53,483.00
	Lodging per night (fixed rate)	\$ 190.00	677	\$ 128,630.00
	Subtotal			\$ 182,113.00

Group D	Units	Equipment on-hire (fixed rates)	Day Rate/ unit	Days	Amount
	1	4x4 Truck	\$ 225.00	55	\$ 12,375.00
	3	4-Gas meter	\$ 150.00	47	\$ 21,150.00
	1	PID-gas meter	\$ 275.00	47	\$ 12,925.00
	3	Ventilation Blower (electric)	\$ 75.00	47	\$ 10,575.00
	3	Ventilation duct/ 100'	\$ 35.00	47	\$ 4,935.00
	13	Safety Harness	\$ 25.00	47	\$ 15,275.00
	13	PPE / man Level D	\$ 35.00	47	\$ 21,385.00
	4	Field laptop	\$ 50.00	55	\$ 11,000.00
	1	Eng Tool Box	\$ 350.00	47	\$ 16,450.00
	4	VHF Radios	\$ 25.00	47	\$ 4,700.00
	1	Confined Space Rescue Pckg	\$ 250.00	47	\$ 11,750.00
	3	Survey Kit	\$ 60.00	55	\$ 9,900.00
	3	Sampling equipment	\$ 35.00	47	\$ 4,935.00
	2	2" Wilden Pump Package	\$ 200.00	47	\$ 18,800.00
	100	2" hose/ ft	\$ 2.00	47	\$ 9,400.00
	200	2" Lay-flate Hose/ ft	\$ 0.50	47	\$ 4,700.00
	10	Half face Respirator	\$ 35.00	47	\$ 16,450.00
	1	Drum Dolly	\$ 25.00	47	\$ 1,175.00
	1	UHF Comm System w/Repeaters	\$ 750.00	47	\$ 35,250.00
		Subtotal			\$ 243,130.00

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	9000	\$ 5,895.00
Personnel mob/demob (Flights, taxis, fees)	\$ 850.00	36	\$ 30,600.00
Level C/ splash Protection Gear	\$ 40.00	200	\$ 8,000.00
Tyvek suit			
Boot covers set			
Respirator cartridge set			
Gloves pair			
Disposable ventilation duct	\$ 400.00	1	\$ 400.00
Hazmat bags	\$ 7.00	100	\$ 700.00
Hazmat Collection Bins	\$ 250.00	6	\$ 1,500.00
Disposal (Landfill)	\$ 150.00	6	\$ 900.00
Trucking/ Shipping	\$ 8,000.00	1	\$ 8,000.00
Car Rental	\$ 125.00	1	\$ 125.00
Van Rental	\$ 200.00	2	\$ 400.00
Ladders	\$ 100.00	3	\$ 300.00
Printing Services	\$ 1,000.00	1	\$ 1,000.00
Research Services	\$ 10,000.00	1	\$ 10,000.00
Shop vacs/ w/ HEPA filters	\$ 690.00	2	\$ 1,380.00
Consumables			
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
Cleaning/ decon brushes	\$ 50.00	12	\$ 600.00
		Subtotal	\$ 70,840.00

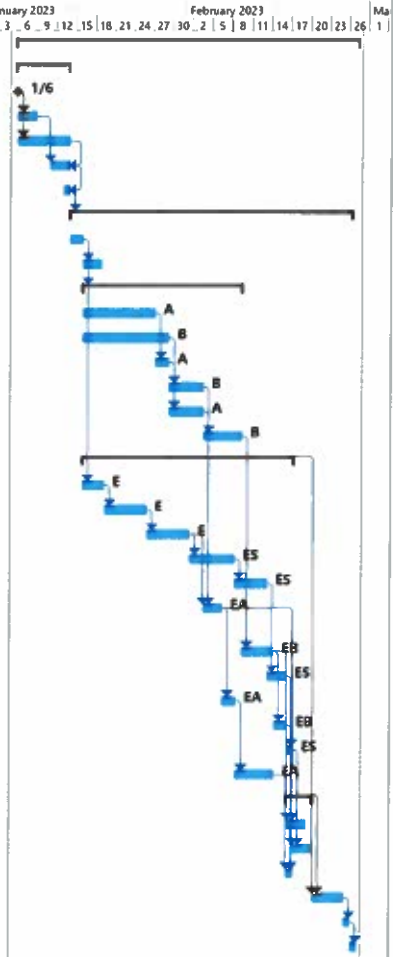
TOTAL ALL GROUPS & MOB/ DEMOB \$ 2,040,433.00

GEL Labor Costs	Task	Task 2.1B	Task 2.3	Task 2.4
	Hourly Rate	Catalogue Areas, Tanks, Compartments	ID Environmental Contaminants	Hazard Prioritization
Personnel Classification	Hourly Rate	Areas, Tanks, Compartments	Contaminants	Prioritization
Project Manager	\$125.00	80	90	80
Certified Industrial Hygienist	\$180.00	80	90	80
SCDHEC Licensed Building Inspectors	\$95.00		240	
Total Hours		160	420	160
Labor Cost		\$24,400	\$50,250	\$24,400
GEL Reimbursable Costs	Unit Cost	Task 2.1	Task 2.3	Task 2.4
XRF Rental - 2 weeks @ \$2,100/week			4,200	
Chemical Analysis				
DRO - Water, 90 ea	56.81		5,113	
DRO - Oil, 30 ea	63.49		1,905	
Metals - Water, 57 ea	73.52		4,191	
PCB Wipe: 100 ea	107		10,700	
PCB liquids: 100 ea	107		10,700	
Asbestos TEM: 100 ea	40		4,000	
Asbestos PLM: 100 ea	7.2		720	
Waste Management fee (6%)			2,240	
Total Reimbursables		\$0	\$43,768	\$0
Total Tasks Budget - GEL		\$24,400	\$94,018	\$24,400

JMT Labor Costs	Task	Task 1
	Hourly	Project Admin & Meetings
Personnel Classification	Rate	
Project Manager	\$168.00	24
Sr Environmental Scientist	\$125.00	120
Senior Engineer	\$168.00	
NEPA Specialist	\$112.00	16
Sr Architectural Historian	\$197.00	8
Architectural Historian	\$126.00	16
GIS Technician	\$76.00	8
Total Hours		192
Labor Cost		\$25,024

JMT		
Reimbursable Costs	Unit Cost	Task 1
Ground Transportation - mil	0.625	750
Ground Transportation		
Meals, per day	35	245
Per diem		
Lodging	160	1,120
Field supplies		200
Total Reimbursables		\$1,565
Total Project Budget - JMT		\$26,589

ID	Task Name	Duration	Start	Finish	Predecessors	November 2022	January 2023	February 2023
1	USS Yorktown Task 2.1	52.33 days	Fri 1/6/23	Mon 2/27/23				
2	Mobilization	8 days	Fri 1/6/23	Fri 1/13/23				
3	Work Order Signed	0 days	Fri 1/6/23	Fri 1/6/23				
4	Equipment Prep	3 days	Fri 1/6/23	Sun 1/8/23	3			
5	Materials acquisition	8 days	Fri 1/6/23	Fri 1/13/23	3			
6	Admin-Onsite- Prep Ops	3 days	Wed 1/11/23	Fri 1/13/23	4,5FF			
7	Travel	1 day	Fri 1/13/23	Fri 1/13/23	6FF			
8	On-site Ops	43.33 days	Sat 1/14/23	Sun 2/26/23	7			
9	Orientation	2 days	Sat 1/14/23	Sun 1/15/23				
10	Establishing Directives (GEL)	3 days	Mon 1/16/23	Wed 1/18/23	9			
11	S&S Dk 4 Deep tanks	24.44 days	Mon 1/16/23	Thu 2/9/23	9			
12	SubDiv A	100 hrs	Mon 1/16/23	Fri 1/27/23				
13	SubDiv B	120 hrs	Mon 1/16/23	Sun 1/29/23				
14	SubDiv C	20 hrs	Fri 1/27/23	Sun 1/29/23	12			
15	S&S Third Bottom	50 hrs	Sun 1/29/23	Fri 2/3/23	13			
16	S&S Double Bottom	50 hrs	Sun 1/29/23	Fri 2/3/23	14			
17	Other	50 hrs	Fri 2/3/23	Thu 2/9/23	15			
18	Compartments	32.33 days	Mon 1/16/23	Fri 2/17/23				
19	4th Deck	30 hrs	Mon 1/16/23	Thu 1/19/23	9			
20	3rd Deck	60 hrs	Thu 1/19/23	Wed 1/25/23	19			
21	2nd Deck	60 hrs	Thu 1/26/23	Wed 2/1/23	20			
22	Gallery Deck	60 hrs	Wed 2/1/23	Wed 2/8/23	21			
23	Main Engineering Spaces	45 hrs	Wed 2/8/23	Mon 2/13/23	22			
24	Sampling Known PCB Locations	25 hrs	Fri 2/3/23	Mon 2/6/23	16,21			
25	Escorting Asbestos Inspector	45 hrs	Thu 2/9/23	Tue 2/14/23	17			
26	Escorting Lead Paint Inspector	27 hrs	Mon 2/13/23	Thu 2/16/23	23			
27	Fo'c'sle Deck	20 hrs	Mon 2/6/23	Wed 2/8/23	24			
28	Main Deck	20 hrs	Tue 2/14/23	Thu 2/16/23	25			
29	Flight Deck	9 hrs	Thu 2/16/23	Fri 2/17/23	26			
30	Super Structure	50 hrs	Wed 2/8/23	Tue 2/14/23	27			
31	Add'l Gel Inspection/ Testing	4 days	Thu 2/16/23	Mon 2/20/23				
32	Asbestos	27 hrs	Thu 2/16/23	Sun 2/19/23	28,25			
33	PCB	27 hrs	Fri 2/17/23	Mon 2/20/23	29,24			
34	Lead Paint	9 hrs	Thu 2/16/23	Fri 2/17/23	30,26			
35	Float for access challenges	5 days	Mon 2/20/23	Sat 2/25/23	18,31			
36	Demob	1 day	Sat 2/25/23	Sun 2/26/23	35			
37	Travel	1 day	Sun 2/26/23	Mon 2/27/23	36			



SP-10062
USS YORKTOWN



DRAFT SCHEDULE
WORK ORDER REF
1/5/23 VERSION