

CHANGE ORDER TO DESIGN-BID-BUILD CONSTRUCTION CONTRACTAGENCY: SC Office of ResiliencePROJECT NAME: USS Yorktown Environmental Assessment and RemediationPROJECT NUMBER: D30-N021-PGCONTRACTOR: HEPACO, LLC**This Contract is changed as follows:** *(Insert description of change in space provided below.)*

HFQ liquification and additional PFAS oil for incineration. Additional frac tanks, trans and materials to perform.

ADJUSTMENTS IN THE CONTRACT SUM:

1. Original Contract Sum:		\$15,750,000.00
2. Change in Contract Sum by previously approved Change Orders:	\$3,829,528.01	
3. Contract Sum prior to this Change Order:		\$19,579,528.01
4. Amount of this Change Order:	\$648,281.07	
5. New Contract Sum, including this Change Order:		\$20,227,809.08

ADJUSTMENTS IN THE CONTRACT TIME:

1. Initial Substantial Completion Date:		10/22/2025
2. Sum of previously approved increases and decreases in Days:	30	Days
3. Change in Days for this Change Order:	5	Days
4. Total Number of Days added to this Contract including this Change Order:	35	Days
5. New Substantial Completion Date:		11/26/2025

AGENCY ACCEPTANCE AND CERTIFICATION

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

Change is within Agency Construction Contract Change Order Certification of: \$0.00 ☐ Yes ☒ NoBY: Phleisha Lewis TITLE: Mitigation Director DATE: 09/09/2025

APPROVED BY:



DATE: 09/12/2025

(OSE PROJECT MANAGER)

SE-380

CHANGE ORDER NO.: 6**CHANGE ORDER TO DESIGN-BID-BUILD CONTRACT**AGENCY: SC Office of ResiliencePROJECT NAME: USS Yorktown Environmental Assessment and RemediationPROJECT NUMBER: D30-N021-PGCONTRACTOR: HEPACO, LLC

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

HFO liquification and additional PFAS oil for incineration. Additional frac tanks, trans and materials to perform.

ADJUSTMENTS IN THE CONTRACT SUM:

1. Original Contract Sum:		\$ 15,750,000.00
2. Change in Contract Sum by previously approved Change Orders:	\$3,829,528.01	
3. Contract Sum prior to this Change Order:		\$ 19,579,528.01
4. Amount of this Change Order:	\$648,281.07	
5. New Contract Sum, including this Change Order:		\$ 20,227,809.08

ADJUSTMENTS IN THE CONTRACT TIME:

1. Initial Date for Substantial Completion:		10/22/25
2. Sum of previously approved increases and decreases in Days:	30	Days
3. Change in Days for this Change Order:	5	Days
4. Total Number of Days added to this Contract including this Change Order:	35 Days	
5. New Date for Substantial Completion:		11/26/25

AGENCY ACCEPTANCE AND CERTIFICATION:

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

BY: Eric A. Fosmire

(Signature of Representative)

Date: 9 Sept 2025Print Name of Representative: Eric Fosmire, Chief of Staff & General CounselChange is within Agency Construction Contract Change Order Certification of: \$ 0.00Yes ☐ No ☒

APPROVED BY: _____

(OSE Project Manager)

DATE: _____

SUBMIT THE FOLLOWING TO OSE

1. SE-380, completed and signed by the Agency.
2. SE-380, Page 2, completed and signed by the Contractor, A/E and Agency, with back-up information to support request.

CHANGE ORDER REQUEST SUMMARY – DESIGN-BID-BUILDAGENCY: SC Office of ResiliencePROJECT NAME: USS Yorktown Environmental Assessment and RemediationPROJECT NUMBER: D30-N021-PGCONTRACTOR: HEPACO, LLC

This Contract is requested to be changed as follows: (Insert description of change in space provided below.)
 HFO liquification and additional PFAS oil for incineration. Frac tanks, trans and material to perform.

ADJUSTMENTS IN THE CONTRACT TIME: Requested Change in Days for this Change Order: 5 Days

			(1) Contractor	(2) Subcontractor	(3) TOTAL
Direct Costs (Provide back-up, including hourly rates, invoices, manhours, etc.)	1.	Labor	\$104,300.00	\$0.00	
	2.	Materials (including Sales Tax)	\$477,118.00		
	3.	Rental Charges			
	4.	Subtotal Direct Costs (sum lines 1 – 3)	\$581,418.00	\$ 0.00	\$581,418.00
Contractor Markup (per AIA A201, Section 7.1.5)	5.	Contractor OH&P (not to exceed 17% of line 4, col 1)	\$29,070.90		
	6.	Subcontractor's OH&P (not to exceed 17% of line 4, col 2)			
	7.	Contractor markup on Subcontractor (not to exceed 10% of line 4, col 2)			
	8.	Total Contractor Markup (sum lines 5 – 7)	\$29,070.90	\$ 0.00	\$29,070.90
Additional Bonding, Insurance and Permit Costs Associated with Change Order	9.	Bonds	\$14,535.45		
	10.	Insurance	\$14,535.45		
	11.	Permits, Licenses or Fees	\$8,721.27		
	12.	Subtotal (sum lines 9 – 11)	\$37,792.17	\$ 0.00	\$37,792.17
TOTAL	13.	Change Order Cost (sum lines 4, 8, 12, col 3)			\$648,281.07

ADJUSTMENTS IN THE CONTRACT SUM: Amount of this Change Order Request: \$ \$648,281.07

CONTRACTOR ACCEPTANCE:

BY: _____

(Signature of Representative)

Date: 8/22/25Print Name of Representative: Ronald E. DeWitt, Jr**A/E RECOMMENDATION FOR ACCEPTANCE:**

BY: _____

(Signature of Representative)

Date: 9/9/25Print Name of Representative: Jacqueline Michel**AGENCY ACCEPTANCE:**

BY: _____

(Signature of Representative)

Date: 9 Sept 2025Print Name of Representative: Eric G. Fosmire

Instruction to Contractor: Attach documentation as needed to justify the requested change to the contract and submit to A/E or Agency.

		Percent	Contractor	Subcontractor	Total
Direct cost	1 Labor		\$104,300.00		
	2 Materials		\$477,118.00		
	3 Rentals				
	4 Subtotal direct costs (sum lines 1-3)		\$581,418	\$0	\$ 581,418.00
Contractor markup	5 Contractor OH&P (not to exceed 17% of line 4, col1)	5%	\$ 29,070.90		
	6 Subcontractor OH&P (not to exceed 17% of line 4, col1)	15%		\$ -	
	7 Contractor markup on subcontractor (not to exceed 10% of line 4 col2)	5%	\$ -		
	8 Total contractor markup (sum lines 5-7)		\$ 29,070.90	\$ -	\$ 29,070.90
Additional bonding, insurance and permit	9 Bonds	2.5			\$ 14,535.45
	# Insurance	2.5			\$ 14,535.45
	# Permits, licenses or fees	1.5			\$ 8,721.27
	# Subtotal (sum lines 9-11)				\$ 37,792.17
	# Change order cost (sum lines 4, 8, 12, col3)		\$ 610,488.90	\$ -	\$ 648,281.07

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Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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What is the value of $\log_2 16$?

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