

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. 0002 3. EFFECTIVE DATE 02/28/2008 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY DOT/Maritime Administration, WR Acquisition Office of Acquisition, MRG-4200, 201 Mission Street, Suite 2200 San Francisco, CA 94105-1905 CODE 00094 7. ADMINISTERED BY (If other than Item 6) DOT/Maritime Administration, WR Acquisition 201 Mission Street, Suite 1800 San Francisco, CA 94105-1905 CODE 00094

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) PROGRAM SUPPORT CENTER 4550 MONTGOMERY AVE STE 950, BETHESDA, MD 20814-3304 CODE 9 FACILITY CODE 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DTMA4P07081 (X) 10B. DATED (SEE ITEM 13) 08/30/2007 (X)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Line Item Detail

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) Mutual Agreement

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Increase funds and extend delivery date.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Debra K. Velmere 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. United States of America (Signature of Contracting Officer) 16C. DATE SIGNED 02/28/2008 (Signature of person authorized to sign)

Line Item Summary	Document Number DTMA4P07081/0002	Title FOH Asbestos Monitoring	Page 2 of 2
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Total Funding: \$42,000.00

FYs Fund Budget Org Sub Object Class Sub Program Cost Org Sub Proj/Job No. Sub Reporting Category
See Line Item(s)
 Division Closed FYs Cancelled Fund

Line Item Number	Description	Delivery Date (Start date to End date)	Quantity	Unit of Issue	Unit Price	Total Cost
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FOH Asbestos Monitoring Increase Period of Performance PRSBRF07022 0001

0001	INTRA-GOVERNMENTAL AGREEMENT	02/28/2009	0.00	NTE	\$1,800.00	\$1,800.00
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(03/01/2008 to 02/28/2009)

Change in Delivery Date, Extended Description, Performance Period, Funding, Unit Price

See attached agreement P132163 with Federal Occupation Health. It is noted the dates are incorrect in the agreement. They are from 3/1/2008 - 2/28/2009.

Invoices in PDF format are to be sent to maradinvoices@faa.gov. Include PO on the invoice.

Funding Information:

- 2008 - 7008 - 175000 - 16 - BT - - GAM060 - - - 00001610
 - 03 - - 26690 - 6100 - 0600 -
 1,800.00

Previous Total: \$40,200.00
Modification Total: \$1,800.00
Grand Total: \$42,000.00
 (Includes Discounts)

Distribution: S Wong, M Huey, J Pecoraro, E Harris



**Federal Occupational Health Service
Project Cost Estimate**



Agency:	DOT Maritime Administration				
Project:	P132163	Vers	1/31/2008	Customer Assigned ID	
Agreement:	A105664	Vers	4/18/2007	SOW	S132162
Title:	MARAD SHIPS AT THE SUISUN BAY RESERVE FLEET, ASBESTOS MONITORING				
Subtitle/ Location:					Seq 0

Detailed Cost Estimate:

Labor Estimate:					
Item	Labor Category	Vendor/Name	Hourly Rate	Est. Hrs	Est. Price
1	EH: Certified Industrial Hygienist	IHI Environmental /	98.85	250.00	\$24,712.50
2	EH: Technician	IHI Environmental /	55.78	200.00	\$11,156.00
3	EH: Sanitarian	WRIGHT, Norman /	85.54	40.00	\$3,421.60
Labor Subtotal					\$39,290.10

Travel Estimate:						
Item	Cost Category	Description	Units	Est. Unit Price	Est. Qty	Est. Price
1	EH: Local (per trip)	Mileage	Dollars	1.00	658.00	\$658.00
2	EH: Local (per trip)	Bridge tolls	Dollars	1.00	72.00	\$72.00
Travel Subtotal						\$730.00

ODC Cost Estimate:						
Item	Cost Category	Description	Units	Est. Unit Price	Est. Qty	Est. Price
1	EH: Supplies	Shipping	Dollars	1.00	200.00	\$200.00
2	EH: Laboratory (per sample)	PCM 173 Samples	Per Sample	1.00	1,124.50	\$1,124.50
3	EH: Laboratory (per sample)	PCM Cassettes	Per Sample	1.00	480.00	\$480.00
4	EH: Laboratory (per sample)	PLM 5 Samples	Per Sample	1.00	30.00	\$30.00
ODC Subtotal						\$1,834.50

Summary:

Labor Estimate:	\$39,290.10
Travel Estimate:	\$730.00
ODC Estimate:	\$1,834.50
Total Estimated Project Cost:	\$41,854.60
Total Project Ceiling:	\$42,000.00

Project Description:

The Maritime Administration, Suisun Bay Reserve Fleet, Benicia, California, requires the services of Federal Occupational Health (FOH) to conduct (1) monthly visual walk through survey/inspection on board ships to identify the location and condition of suspected asbestos-containing materials in areas where employees are working; (2) monthly asbestos air monitoring of Suisun Bay Reserve Fleet employees in the performance of their work tasks; (3) monthly asbestos monitoring of work areas onboard designated MARAD ships; and (4) bulk sampling.

SCOPE

FOH will provide all labor, supervision, equipment and material to perform all industrial hygiene services described in this Statement of Work. FOH will personnel to conduct the monthly asbestos surveys and asbestos air monitoring who shall be qualified to perform the required services and knowledgeable in acceptable asbestos handling and monitoring practices. All monitoring, field work and documentation (observations and activities) will be performed under the supervision of an American Board of Industrial Hygiene (ABIH), Certified Industrial Hygienist (CIH). The CIH will serve as FOH's Project Manager and shall be licensed in California as an Asbestos Project Monitor, Inspector, Management Planner. The CIH will have experience in asbestos surveillance, data interpretation and final report development. Final conclusions, observations, and recommendations will reflect the CIH's evaluation of monitoring data, activity logs, and laboratory analysis reports. A minimum of two (2) FOH personnel shall be provided for each monthly project. FOH will have current California asbestos project monitor licenses in order to conduct air monitoring activities.

SAMPLING PROCEDURES

All samples will be collected in accordance with Federal, State, and Local standards and requirements and with industrial hygiene acceptable professional methods/procedures. The most recent edition of any relevant regulation, document or code shall be the one in effect for the purpose of this contract. Where conflict among the requirements or with these specifications exists, the most stringent requirements will be utilized.

EXPOSURE MONITORING - EMPLOYEES

FOH will conduct monthly asbestos exposure monitoring of four (4) Suisun Bay Reserve Fleet employees who are performing work tasks (on board ships) required by their position. The personal air sampling is being conducted for the purpose of establishing asbestos fiber concentrations during normal fleet activities.

The total number of employees to be monitored for the year, conducted on a monthly basis from Sept 1, 2006 to August 31, 2007 is forty-eight, 4 employees on each of 12 site visits. During the course of the year, personal monitoring will be conducted on fleet personnel while performing their routine work tasks in order to determine 8-hour-time weighted averages. A minimum of two (2) personal breathing zone samples for potential asbestos 8-hour TWA exposure (taken over a full-work shift) will be conducted on any given ship. Sampling volume will be sufficient for a detection limit equal to or less than 0.01 f/cc. Analysis will be done in accordance with NIOSH Method 7400, Revision 3.

All asbestos personal samples (employee exposure monitoring) will be collected following the procedures specified in Appendix A to 29 CFR 1915.1001. The sampling method described in the appendix represents the elements of the available monitoring methods, e.g. National Institute of Occupational Safety and Health (NIOSH) Method 7400.

In conducting the asbestos air sampling, determinations of employee exposures shall be made from the breathing zone air samples (i.e. attached to or near the collar or lapel near the worker's face) that are representative of the 8-hour time-weighted average (TWA).

The airborne monitoring will be conducted in representative areas occupied by fleet employees who are performing work tasks required by their position.

Representative 8-hour TWA employee exposures will be determined on the basis of one or more samples representing full-shift exposure.

FOH will prepare individual notification letters for each fleet employee sampled during the monthly asbestos air monitoring. The letter will contain the results of the employee's asbestos exposure monitoring performed under this agreement. Suisun Bay Reserve Fleet will receive the letters within 15 calendar days after completion of the monthly asbestos surveys and asbestos air monitoring. Copies of the employee notification letters, as an appendix, will be attached to the monthly asbestos surveys and air monitoring report.

FOH will complete Sampling Data Sheets for the Fleet employees monitored/sampled. Copies of the Sampling Data Sheets, as an appendix, will be attached to the monthly asbestos surveys and air monitoring report.

At the discretion of the Certified Industrial Hygienist, one day of the ship's sampling may be replaced by personal monitoring of fleet personnel whose daily work activities range over a number of ships.

EXPOSURE MONITORING – GENERAL AREA

FOH monthly asbestos exposure monitoring of two (2) ships located at the Suisun Bay Reserve Fleet. The total number of ships to be monitored for the year, conducted on a monthly basis from Sept 1, 2006 to August 31, 2007, is twenty-four (24). Selection of ships will be based on Fleet work schedules. Samples will be taken from ships where subject employees are working.

Air sampling will be performed annually in the Suisun Bay Reserve Fleet's Administration Barge (Known as the APL). One (1) air sample will be taken in the Administration Office, the employees' lounge room, the employees' two locker rooms and the employees' washroom for a total of five (5) samples. Sampling volume will be sufficient for a detection limit equal to or less than 0.01 fibers/cc. Analysis will be done in accordance with NIOSH Method 7400, revision.

FOH will complete Sampling Data Sheets for the ships monitored/sampled. Copies of the Sampling Data Sheets, as an appendix, will be attached to the Primary Contractor's monthly asbestos surveys and air monitoring report.

BULK SAMPLING

At the written request of the Fleet Program Manager, Suisun Bay Reserve Fleet, FOH may be requested to identify the presence of asbestos containing material on board ships. Samples under this agreement will be limited to a total of five (5) bulk samples will be taken over the twelve month period.



Federal Occupational Health Service

Project Cost Estimate



SHIP SURVEY/INSPECTION

A visual walk through survey/inspection will be performed by the Certified Industrial Hygienist to identify the location and condition of suspected asbestos-containing materials in areas where employees are work on the day(s) of sampling. A written report for each ship surveyed shall be included in the FOH's monthly asbestos surveys and air monitoring report.

ANALYTICAL METHODOLOGY

All samples will be analyzed by a California licensed asbestos analytical laboratory, participating in the American Industrial Hygiene Association Proficiency Analytical Testing Programs and/or accredited by the American Industrial Hygiene Association (AIHA) for Asbestos Analytical Services. A copy of all laboratory results, along with the chain of custody, will be attached to the Primary Contractor's monthly asbestos surveys and air monitoring report.

To provide MARAD with additional services upon completion of monthly surveys to determine, evaluate, and document ambient concentrations of asbestos fibers aboard designated ships at the Suisun Bay Reserve Fleet and to provide personal monitoring of designated employees performing routine Fleet operations. It is agreed that FOH conducting monthly asbestos air monitoring will:

1. Provide the Suisun Bay Reserve Fleet with monthly "Survey, Air Monitoring and Analysis for Concentrations of Airborne Asbestos Fibers aboard MARAD Ships/Vessels at the Suisun Bay Reserve Fleet" written reports. The reports will be provided to the Fleet within fifteen (15) calendar days from the date of completion of the monthly survey.
2. Any samples which result in concentrations that approach (e.g. 0.08 f/cc or 0.09 (f/cc) or exceeds 0.1 f/cc will be held by the testing laboratory for Transmission Electron Microscopy (TEM) analysis under a separate purchase order or agreement. Notification of this elevated concentration must be made to the COTR immediately by telephone and followed by written notification as soon as practicable.

MONTHLY ASBESTOS SURVEYS AND AIR MONITORING REPORT

FOH will prepare the monthly asbestos surveys and air monitoring report and will provide one (1) original and one electronic copy (on CD) of the monthly report to the Fleet Program Manager, Suisun Bay Reserve Fleet, within fifteen (15) working days after completion of the monthly asbestos surveys and monitoring. The report, as a minimum, shall contain the following information/data:

Narrative Report:

- Purpose
- Scope
- Survey Results
- Observations
- Discussion of Results
- Conclusions
- Recommendations
- Sampling & Analytical Methodology

Appendixes:

- Summary of Data Daily Activity Log Sample Data Sheets (copies) Employee Notification Letters (copies) Analytical Laboratory Results (Reports of Airborne Asbestos Analysis (copies)
- Certification and accreditation of the Primary Contractor (copies)
- Certification and accreditation of each contractor employee participating in this project
- The monthly report shall also contain explanations of any unusual or unexpected asbestos monitoring results or of the walk through surveys.
- The format of the monthly reports including size, binding, covers etc., shall be consistent with accepted professional practices after acceptance by the Fleet Program Manager, Suisun Bay Reserve Fleet. Variations in this format shall have the prior approval of the Fleet Program Manager, Suisun Bay Reserve Fleet.

The monthly reports will be signed, sealed and dated by the Certified Industrial Hygienist (CIH), and bear the appropriate seal(s).

SAFETY

All FOH personnel will comply with the Suisun Bay Reserve Fleet's safety and health regulations and requirements. A copy of the safety and health regulations will be provided to FOH.

OBSERVATIONS OF MONITORING

MARAD will provide the affected employees or their designated representatives an opportunity to observe any monitoring of employee exposure to asbestos conducted in accordance with the OSHA standard

SUMMARY:

Between September 1, 2006 and August 31, 2007 FOH will conduct 12 site visit. On each visit FOH will collect personal air samples from four (4) employees, four (4) areas samples, two (2) area samples from each of two (2) ships where employees are working during the site visit. Five samples from Suisun Bay Reserve Fleet's Administration Barge.

All work will be performed under the direct supervision of a CIH. All on-site work will be performed by a California Certified Asbestos Consultant (CAC) or a CIH and a California Certified Site Surveillance Technician (SST)

Analysis of air monitoring and bulk asbestos samples will be performed by a laboratory accredited by the American Industrial Hygiene Association Laboratory Program, NIST (NVLAP) Airborne Asbestos, NIST (NVLAP) Bulk Asbestos, and certified by the State of California for Asbestos in Bulk Samples.

All air monitoring samples will be collected and analyzed in accordance with the NIOSH 7400 method. This method includes the routine submission of blanks for laboratory analysis.



**Federal Occupational Health Service
Project Cost Estimate**



All work will be performed during normal business hours Monday - Friday (7:00 am - 6 pm)

All scheduling and coordination of ship access will be performed through one point of contact at the Suisun Baby Reserve Fleet.

Official Authorization

We, the undersigned agency representatives, having the delegated authority, hereby agree that FOH will provide the services, as described in this Project Estimate at the prices quoted.

Signature Authority	
	Agency Signatory
Name	DOUGLAS PICKUP
Title	Director
Address	1301 YOUNG STREET Suite 772 DALLAS, TX 75202
Phone	1 (214) 767-3603
Fax	(214) 767-0002
Email	DPICKUP@PSC.GOV
Signature	
Date	

Project Contacts:				
Name	Agency	Phone	Fax	e-Mail
Alma Cardenas	HHS Federal Occupational Health (FOH) Service	(214) 767-3606	(214) 767-3620	ACARDENAS@PSC.GOV
SALLY BUTLER	HHS Federal Occupational Health (FOH) Service	(303) 236-0076 x324	(303) 236-3441	SLBUTLER@PSC.GOV
DOUGLAS PICKUP	HHS Federal Occupational Health (FOH) Service	1 (214) 767-3603	(214) 767-0002	DPICKUP@PSC.GOV
NORMAN WRIGHT	HHS Federal Occupational Health (FOH) Service	(415) 437-3767	(415) 437-8008	NWRIGHT@PSC.GOV
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