

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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

0001 01/11/2008 See Lines

6. ISSUED BY CODE 00091 7. ADMINISTERED BY (If other than Item 6) CODE 00091

DOT/Maritime Administration, MAR-380
400 Seventh Street, SW., Room 7310
Washington, DC 20590

DOT/Maritime Administration, MAR-380
1200 New Jersey Ave SE, MAR380 W28-201
Washington, DC 20590

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)

ICI Services, LLC
3800 FETTLER PARK DRIVE SUITE 202
DUMFRIES, VA 22025-1995

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. DTMA1C07006 / TO080000012

(X) 10B. DATED (SEE ITEM 13)
12/04/2007

CODE 1 FACILITY CODE

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: FAR 43.103 (a) (3)

D. OTHER (Specify type of modification and authority)

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.)
Modifications of the SS BEAVER STATE.

CLIN 0002 proposed costs are \$330,400.00 for the fixed price level of effort Task.

This modification increases the ceiling price of this Task as follows:

From \$27,434.02
By \$330,400.00
To \$357,834.02

This modification increases the funding of this Task as follows:

From \$27,434.02
By \$122,565.98
To \$150,000.00

Note: All current funds are posted to subCLINs' 0001AA and 0001AB.

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)
Frank Bajowski

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. United States of America

16C. DATE SIGNED

(Signature of person authorized to sign)

BY 
(Signature of Contracting Officer)

01/18/2008

Line Item Summary	Document Number TO08000012/0001	Title Engineering Support Services LOE	Page 2 of 7
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Total Funding: \$150,000.00

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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Engineering Support Services, Site Survey: BEAVER STATE

0001	Engineering Support Services	12/31/2007	0.00	LOT	(\$27,434.02)	(\$27,434.02)
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(12/06/2007 to 04/30/2008)

Change in Extended Description, Performance Period, Funding, Unit Price
See Sub Line Items

Ref Req No: PR600080025

Funding Information:

70 - - X43030 - 0090795 - 16 - 000 - - 99522 - BEAUP - - -
- - - - -
-27,434.02

70 - - X43030 - 002008 - 99 - 522 - - 22BEAV070 - 071295 -
22 - BEAV0253 - 05 - 6100 - 6600 - - -
150,000.00

0001AA	Site visit SS BEAVER STATE		1.00	LOT	\$27,434.02	\$27,434.02
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(12/06/2007 to 12/31/2007)

This is a New Line
See Section C for Statement of Work 0001AA.

0001AB	Prepare Drawing, Specification etc for SS BEAVER STATE		1.00	LOT	\$122,565.98	\$122,565.98
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(01/15/2008 to 04/30/2008)

This is a New Line
See Section C Statement of Work for CLIN 0001AB

Previous Total: \$27,434.02
Modification Total: \$122,565.98
Grand Total: \$150,000.00
(Includes Discounts)

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SECTION C -- DESCRIPTIONS AND SPECIFICATIONS

C.1

CLIN 0001

Statement Of Work

Planning Conference and Work Definition for Conversion of SS Beaver State

A. Objective

The objective of this task is to plan for the conversion of SS Beaver State. The work will include a planning conference, a management plan for the work definition process, and a review of documentation associated with the ship's material condition and required alterations.

B. Requirements

1. The contractor shall travel as directed by the COTR to meet with the ship manager, Interocean American Shipping Corp (IAS).
2. The contractor shall review requirements generated by the Missile Defense Agency for the vessel conversion.
3. The contractor shall consult with ABS and determine the regulatory body requirements for the conversion.
4. The contractor shall obtain and review the available drawing list and identify required drawings to start the design.
5. The contractor shall write a detailed "design scope of work" for MARAD, which can be further developed into a design task order. The SOW shall include the following:
 - a. Design products to be developed such as: Contract Drawings, Specifications, Calculations, Fabrication Drawings (for structures only)
 - b. Required ship checks and work definition inspections
 - c. The design products that will be provided for review by regulatory bodies
 - d. The design products that will be provided to the shipyard
 - e. Work procedures, such as coordination meetings, plans for quality assurance, configuration control, data integrity, and data transfer and sharing between the team members
 - f. Cost and schedule estimates for the work definition process

C. Deliverables

The contractor shall provide to MARAD:

1. A report from the planning conference
2. A scope of work for the design effort

D. Period of performance

The planning conference shall be accomplished during the week of 3-7 December 2007 or as directed by the MARAD COTR. The deliverables shall be submitted within two weeks after the conference.

E. Management

The MARAD COTR is Mr. Carl Heck, 202-366-2632.

CLIN 0002

Statement Of Work

This task modification is for the development of calculations, drawings and shipyard installation specifications associated with the conversion of the SS BEAVER STATE. The work will include a management plan for the planning process, drawings suitable for use by the conversion shipyard, work specifications, test requirements, calculations, and reports.

Vessel Location:

Vessel is currently in a deactivated status located in the Suisan Bay Reserve Fleet in Benicia, California.

Attachments / References:

1. XTR-1/Ship Integration: Roles & Responsibilities Matrix

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2. Interface Control Document for XTR-1 Radar System Installation
3. Interface Control Document for TTS-2 Installation

Scope of Work:

The Contractor shall perform the "turn key" job to develop all calculations, drawings (conceptual, regulatory compliance, and construction) and shipyard installation specifications required to convert the SS BEAVER STATE from its current configuration to a special purpose vessel in accordance with the requirements of this specification and the attached reference documents.

The work process shall take place in three phases:

1. Initial shipchecks and development of concept drawings.
2. Calculations and development of all regulatory required drawings.
3. Development of shipyard construction drawings and associated shipyard work specifications.
4. Submission of drawings to Regulatory Agencies for approval.
5. Finalize drawings based on comments from Regulatory Agencies.
6. Mark up all drawings for "As Built".
7. Engineering support to assist MARAD, DPO or IAS during conversion work execution.

The conversion of the vessel involves the following items, but is subject to change:

1. Installation of the XTR-1 Radar System:

Contractor shall perform all required Naval Architecture / Marine Engineering functions as stated above to design the installation of the XTR-1 Radar System. All work shall be performed based on the Attachment #2, "Interface Control Document for XTR-1 Radar System Installation". Contractor shall be responsible for the installation design for the radar system as well as all auxiliary systems and components required to complete the entire installation.

Note 1: The Interface Control Document discusses many auxiliary equipments and spaces required for the "total" installation. The Contractor shall be responsible to address the "total" installation.

Note 2: Attachment #1 is a XTR-1 Roles and Responsibilities Matrix. Contractor shall utilize this document when developing the layout of the various work spaces onboard the vessel. The matrix specifies equipment to be provided by MARAD to outfit these spaces. The Contractor shall utilize the specified MARAD provided equipment as guidance when developing the lay out of the spaces.

Contractor shall investigate which existing onboard equipment(s) will require removal in conjunction with the installations due to interference.

2. Installation of the TTS-2:

Contractor shall perform all required Naval Architecture / Marine Engineering functions as stated above to design the installation of the TTS-2 System. All work shall be performed based on the Attachment #3, "Interface Control Document for TTS-2 Installation". Contractor shall be responsible for the installation design for the antenna system as well as all auxiliary systems and components required to complete the entire installation.

Note 1: The Interface Control Document discusses many auxiliary equipments and spaces required for the "total" installation. The Contractor shall be responsible to address the "total" installation.

Note 2: The location of the TTS-2 antennas is crucial to the operation of the system. The Contractor shall discuss all location requirements with the Owner prior to the start of the design work. As a minimum, Contractor shall investigate line of sight from the bridge, required distances between the two antennas, the need for the antennas to be installed along the centerline of vessel, etc.

Contractor shall investigate which existing onboard equipment(s) will require removal in conjunction with the installations due to interference. This includes the removal of the cranes.

3. Converting Cargo Hold into Mission Housing:

Contractor shall perform all required Naval Architecture / Marine Engineering functions required to design the installation of living quarters and other public spaces with the existing cargo hold forward of the house. As a minimum the living quarters shall contain the following:

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- a. 26 single state rooms with one head per two rooms
- b. 4 double staterooms each with own head
- c. Lounge (based on use by 30 persons)
- d. Classified video room (8 feet by 10 feet)
- e. PHI Control Room (10 feet by 12 feet)
- f. Communications Control Room (10 feet by 12 feet)
- g. Mission Planning Room (12 feet by 18 feet)

Note 1: The design for the conversion of the cargo hold into mission housing must address the total conversion including all structural requirements as well as all other auxiliary requirements including but not limited to electrical, plumbing, HVAC, fire fighting, sewage, etc.

Note 2: The Contractor shall research and specify the make and manufacturer of all the joinery equipment as well as all furniture and fixtures required to properly outfit the spaces. Equipment must meet regulatory requirements and must be available with a lead time of less than 6 months.

Deliverables:

The Contractor shall provide the following deliverables during the performance of the project:

1. Provide a management plan and a production schedule detailing the Contractor's proposal to complete all work.
 - a. The management plan shall address:
 - " Review of requirements generated by the Missile Defense Agency
 - " Regulatory body requirements, to wit, identification of the certifications to be sought, identification of needed calculations, drawings, or other documentation, and the schedule by which the documentation must be submitted
 - " The design products that will be provided for review by regulatory bodies
 - " The design products that will be provided to the shipyard
 - " Work procedures, such as coordination meetings, plans for quality assurance, configuration control, data integrity, data transfer and sharing between the team members, and project management tools
 - " Cost and schedule estimates for the planning process
 - " Preliminary schedule for the conversion showing key events and major work items
 - " Preliminary cost estimate for the conversion
 - b. The management plan may be developed incrementally, to a level of detail appropriate to the stage of the planning process. Planning may begin before the management plan is fully complete
- c. The Production schedule shall detail the various stages of design including:
 - " Concept Drawings
 - " Regulatory Drawings
 - " Construction Drawings
 - " Submission of Drawings to Regulatory
 - " Installation Specifications

Both shall be submitted no later than 31 January 2008.

2. Provide a Mooring Plan and Calculations to determine if and how the BEAVER STATE can be moored at Alameda (Pier 1) with the PACIFIC COLLECTOR outboard meeting MARAD's heavy weather requirements for the local area. If the vessel is unable to meet the current guidelines, indicate to what extent that they are met and what modifications are required to meet these requirements.
3. Concept Drawings - Contractor shall provide four (4) complete sets of concept drawings that address the three major sections of the conversion: XTR, TTS and Mission Housing. In addition, the Contractor shall provide these same drawings in electronic format.
4. Regulatory Drawings - Contractor shall submit all required drawings to the applicable regulatory agencies (ABS and USCG). Contractor may request to USCG a waiver to allow ABS to perform all regulatory approvals of the drawings. Contractor is responsible for all calculations and reports required for the conversion or by regulatory bodies. Copies of all submittals along with the submittal letters shall be furnished to MARAD. These submittals shall be provided to the Owner in hard copy as well as electronic format.

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5. Construction Drawings - Contractor shall provide four (4) complete sets of construction drawings (removal, installation and conversion) that address the three major sections of the conversion: XTR, TTS and Mission Housing. These drawings will be to such a level of detail that they will be completely suitable for bidding and completion of all work by a shipwork contractor without additional engineering. In addition, the Contractor shall provide these same drawings in electronic format.

6. Shipyard Specifications - Contractor shall provide electronic copy of shipyard installation specifications that address the three major sections of the conversion: XTR, TTS and Mission Housing. Specifications will address all tests and inspection requirements for the conversion. Contractor will also provide a cost estimate for individual work items. Specifications shall be in Microsoft Word format.

7. Equipment Lists - As soon as possible, the Contractor shall provide a list of all equipment required to complete the conversion of the vessel. The equipment list should be incorporated with the applicable drawings. If the equipment list can be completed prior to the completion of the drawings, the Owner requests lists to place an order for the equipment. The intent of the requirement is to ensure the Owner has ample time to order any equipment with long lead time.

Performance Period:

All work shall be completed by 30 April 2008, with the exception of any rework required by regulatory bodies and conversion support.

Management:

The MARAD COTR is Mr. Carl Heck, 202-366-2632.