

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. A00025		3. EFFECTIVE DATE See BLK 16	4. REQUISITION/PURCHASE REQ. NO. HSCG23-06-D-ARB001	5. PROJECT NO. (If applicable) RB-M
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6. ISSUED BY Administrative Contracting Office 1600 Ely Street Marinette WI. 54143-2434 Gail.S.Thomas@uscg.mil	7. ADMINISTERED BY (If other than Item 6) N/A
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) Marinette Marine Corporation, Inc. 1600 Ely Street Marinette, WI 54143 DUNS #00-613-5388	(4) 9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. HSCG23-06-D-ARB001
	10B. DATED (SEE ITEM 13) 21JUN2006

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 one (1) copy 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) **N/A**

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

(4) 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. X 52.243-1 CHANGES – FIXED PRICE (AUG 1987)
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)

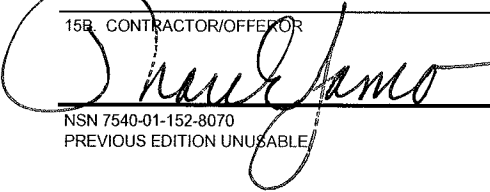
E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This Modification definitizes three Engineering Change Proposals (ECP) - ECP-007, ECP-020, and ECP-028 and one Request for Equitable Adjustment (REA), REA-005 with a combined total Recurring Boat CLIN x003 Price of zero dollars. This Modification also definitizes the Non-Recurring (NRE) Costs for REA-004, REA-005, ECP-006, ECP-007, ECP-008, ECP-013, ECP-020, ECP-026, and ECP-028. The change in CLIN value associated with this definitization of NRE costs will be awarded by a forthcoming Delivery Order to CLIN 1009.

(CONTINUED ON NEXT PAGE)

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) MARC E. JAMO, CONTRACTS MANAGER	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) GAIL S. THOMAS, CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 11/9/09
16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED

BLOCK 14 – DESCRIPTION OF MODIFICATION (CONTINUED)

- A. This Modification definitizes the impact on CLIN x003 Hull pricing for REA-005 entitled, “Hydraulic Tank Relocation,” ECP-007 entitled, “Automatic Identification System (AIS),” ECP-020 entitled, “Radio Direction Finder (RDF) Replacement,” and ECP-028 entitled, “Design Review 7 Action Item Contract Changes.” In lieu of monetary sums for the recurring CLIN x003 costs or cost savings associated with these Changes, the parties hereby agree that through the incorporation of the combined Changes listed in this paragraph, the parties accrue fair and reasonable consideration.
- B. The parties have agreed upon a price for the Non-Recurring (NRE) costs associated with nine incorporated Changes for the following ECPs and REAs and establishing the new obligation amount by subtracting the amounts of interim funding assigned for each action from the total set forth in Modification A00019.

ECP/REA Number	ECP/REA Title	Definitized NRE Price	Interim Funding per Mod A00019	Remaining NRE Amount per ECP/REA
REA-004	Standardize SINS Display Units	\$9,134	\$6,689	\$2,445
REA-005	Hydraulic Tank Relocation	\$43,608	\$38,975	\$4,633
ECP-006	Secure HF Comms Capability	\$37,365	\$32,440	\$4,925
ECP-007	Automatic Identification System (AIS)	\$24,111	\$21,836	\$2,275
ECP-008	Pilothouse Arrangement	\$18,188	\$11,714	\$6,474
ECP-013	Motorola Radio Technology Refresh	\$11,741	\$9,695	\$2,046
ECP-020	Radio Direction Finder (RDF) Replacement	\$12,080	\$8,419	\$3,661
ECP-026	SINS Depth Sounder Technology Refresh	\$10,963	\$10,134	\$829
ECP-028	Design Review 7 Action Item Contract Changes	\$34,865	\$34,030	\$835
TOTAL:		\$202,055	\$173,932	\$28,123

- C. Modification A00014 incorporated the Scope of Work and Contract Change Language associated with all ECPs listed above. This Modification incorporates the Scope of Work and Contract Change Language for REA-004 and REA-005.

- a. REA-004 entitled, “Standardize SINS Display Units”

DESCRIPTION OF THE CHANGE:

Upgrade one display unit to match two other units for standardization of equipment. This change is applicable to all RB-M boats under this contract.

SCOPE OF THE WORK:

The Contractor shall upgrade the Chart Plotter Display [RDP-149/NT] w/ NTSC/PAL Video Interface Kit [P/N 008-523-070] (Primary Crew Position), currently called out in Spec 423-1.1.6, to Chart Plotter Display [RDP-149/NT] w/ ARP11 ARPA Module Installed & w/ Video Interface Kit [P/N 008-523-070] (Primary Crew Position), which is identical to the chart plotters called out in Spec 423-1.1.1 and 423-1.1.4.

- b. REA-005 entitled, “Hydraulic Tank Relocation”

DESCRIPTION OF WORK:

Relocate hydraulic tank from engine compartment forward centerline to engine compartment forward portside hull to optimize the visual and physical accessibility in this space. This change will improve access to the front of the engine room as well as improve visibility to both engines.

SCOPE OF WORK:

1. The contractor shall incorporate the following changes:
 - a. Design and build a hydraulic tank as discussed during Design Review #4 to maximize volume available in the space between frames 5 and 6 and between the overhead wiring frame and chine on the port side of the engine room, while maintaining accessibility for maintenance.
 - b. Redesign the hydraulic system to accommodate the new hydraulic tank in the location specified above. Consider replacing long hose runs with stainless steel pipe as allowed by current contract requirements.
 - c. Update and recompute all affected calculations and drawings.
 - d. Submit the new design to USCG RB-M PRO for review.
 - e. Remove and dispose of the original hydraulic tank and other parts not required by the new design.
 - f. Install new hydraulic tank and other parts as required by the new design.
 - g. Install hose and fittings to support convenient oil changes using a FLOCS pump.
2. The Contractor shall cite the impact on:
 - a. Net weight, vertical, longitudinal, or transverse moment change.
 - b. Sea keeping ability, including intact and damaged stability.

c. Effect on weight documents.

3. Other related changes that are within the scope of this Change include modification to other contractually required documents. The effort to perform these tasks is included in the agreed upon price.

- D. PART I – THE SCHEDULE, SECTION B - SUPPLIES OR SERVICES AND PRICES: Section B.1.1.b, “Firm Fixed Price Items” CLIN 1009 entitled, “Post Award Changes to RB-M Detailed Design” is increased by \$28,123 from \$575,546 to \$603,669. This Modification does not obligate Government funds. The change in CLIN value associated with this definitization of NRE costs will be awarded by a forthcoming Delivery Order to CLIN 1009.
- E. PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS, SECTION J, ATTACHMENT 2 – SPECIFICATION:
Section 423, Electronic Navigation Systems, subparagraph 423-1.1 number 6 is revised to reflect the SINS change. Reference REA-004.
- F. For the definitization of NRE and Recurring Boat Costs for REA-005, ECP-007, ECP-020 and ECP-028, this Modification arrived at by mutual agreement of the parties, constitutes full and final adjustment of the Contract Price and Contract time of Delivery/Performance Periods for any direct, indirect, and consequential effects of these Changes described herein this paragraph including, but not limited to, cost incurred, and extension of time due to delay, disruption, or suspension of work.
- G. For the definitization of NRE for REA-004, ECP-006, ECP-008, ECP-013 and ECP-026, this Modification arrived at by mutual agreement of the parties, constitutes full and final adjustment of the Contract Price and Contract time of Delivery/Performance Periods for any direct, indirect, and consequential effects of these Changes described herein this paragraph including, but not limited to, cost incurred, and extension of time due to delay, disruption, or suspension of work.
- H. It is agreed that all other Contract requirements, terms, and conditions remain unchanged.
- I. This completes Block 14.

ITEM #	SUPPLIES/ SERVICES	UNIT	PRICE
	more than once under this contract.		
1003a [Orig]	Hulls 1-8	EACH	<u>\$1,927,156</u>
1003ac [A00024]	Post Award Changes to Hulls 1-8	EACH	<u>\$27,243</u>
1003b [Orig]	Hulls 9-20	EACH	<u>\$1,896,800</u>
1003bc [A00024]	Post Award Changes to Hulls 9-12	EACH	<u>\$27,243</u>
1003c [Orig]	Hulls 21-36	EACH	<u>\$1,886,811</u>
1004 [Orig]	RB-M Cradle (as described in Section C.7)	EACH	<u>\$16,222</u>
1005 [Orig]	Display Model (as described in C.8)	EACH	<u>\$15,340</u>
1009 [A00025]	Post Award Changes to RB-M Detailed Design	JOB	<u>\$603,669</u>
1010 [A00023]	Post Award Changes Other Than RB-M Detailed Design	JOB	<u>\$292,964</u>
PRICE PERIOD TWO			
2001 [A00003]	Project Management (as described in Section C.4). This CLIN is required whenever work, other than that associated with warranty administration, under 1002, 1009, x003, x004, x005, x006, x007, or x008 is ongoing. The Government may order any quantity of months under this CLIN provided that the performance period is limited this price period.	MONTH	<u>\$510,426</u>
2002 [Orig]	Vacant	N/A	<u>N/A</u>
2003 [Orig]	Response Boat - Medium (as described in Section C.6). Hulls refers to a range of total consecutive RB-Ms ordered under this contract (i.e. hull 9 cannot be ordered until hull 8 is ordered). The Government may order all or any part of this CLIN during this price period, provided that an individual hull may not be ordered more than once under this contract		
2003a [Orig]	Hulls 1-8	EACH	<u>\$2,055,228</u>
2003b [Orig]	Hulls 9-20	EACH	<u>\$1,896,800</u>
2003c [Orig]	Hulls 21-36	EACH	<u>\$1,886,811</u>
2003d [Orig]	Hulls 37-66	EACH	<u>\$1,887,154</u>

421 [Orig] COMPASS

421-1 [Orig] Magnetic Compass

- 421-1.1 [Orig] The RB-M shall have a permanent magnetic compass that shall have a dampened display that is at least a 4-1/2 inch in diameter and a front read card.
- 421-1.2 [Orig] The compass shall be capable of compensation for deviation.
- 421-1.3 [Orig] The compass shall be mounted directly in front of the helmsman in easy view of the helmsman when facing forward and shall be provided with dimmable lighting for night operations the same color as all the other controls and gauges.

423 [Orig] ELECTRONIC NAVIGATION SYSTEMS

423-1 [Orig] General

- 423-1.1 [A00025] The RB-M shall be provided with the Coast Guard standard Furuno Scalable Integrated Navigation System (SINS) equipment as listed below and shown in [Figure 423-1](#):
 1. Radar/Chart Plotter Display [RDP149/NT] w/ ARP11 ARPA Module Installed & NTSC/PAL Video Interface Kit [P/N 008-523-070] (Navigator Position)
 2. [XNA10A/3.5] Open Radar Array 3.5 FT 4KW with [RSB0070-064] Radar Antenna Pedestal
 3. GPS/DGPS [GP37 w/ GPA019] DGPS Antenna (Navigator Position)
 4. Chart Plotter Display [RDP149/NT] w/ ARP11 ARPA Module Installed & w/ NTSC/PAL Video Interface Kit [P/N 008-523-070] (Helm Position)
 5. Remote Display [RD30] (Helm Position)
 6. Chart Plotter Display [RDP149/NT] w/ **ARP11 ARPA Module Installed & w/** NTSC/PAL Video Interface Kit [P/N 008-523-070] (Primary Crew Position)
 7. Remote Display [RD30] (Visible by Helmsman and Navigator)
 8. Heading Sensor [PG-500R]
 9. Network Sounder [DFF1]
 10. Transducer [555-SLD]
- 423-1.2 [Orig] Additional equipment required to install the SINS equipments are listed below and shown in [Figure 423-1](#):
 11. Hub 10baseT Ethernet w/minimum 4 ports
 12. Display adapter cables Furuno Part # 000-144-601
 13. Hub Adapter Furuno Part #000-144-463
 14. NEMA cables w/6 pin connector, Furuno Part #000-125-237
 15. CAT-5E cable terminated with RJ45 adapter
- 423-1.3 [Orig] The Ethernet hub (Item 11) shall be powered by DC voltage. An AC to DC adapter shall not be used. The Ethernet hub shall be installed in a watertight enclosure.