

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 05
2. AMENDMENT/MODIFICATION NO. A00046	3. EFFECTIVE DATE See BLK 16	4. REQUISITION/PURCHASE REQ. NO. HSCG23-06-D-ARB001	5. PROJECT NO. (If applicable) RB-M	
6. ISSUED BY Administrative Contracting Office 1600 Ely Street Marinette WI. 54143-2434 Ken.I.Kimbrough@uscg.mil		7. ADMINISTERED BY (If other than Item 6) N/A	CODE	
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)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. HSCG23-06-D-ARB001
				10B. DATED (SEE ITEM 13) 21JUN2006
CODE	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 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.
	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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a)(3), Bilateral Agreement
	D. OTHER Specify type of modification and authority)

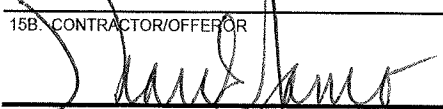
E. IMPORTANT: Contractor is not, **X** is required to sign this document and return one copy to the issuing office.

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

The purpose of this Modification is to incorporate and fully definitize relaxation of testing requirements. This Modification also definitizes the Non-Recurring Engineering (NRE) associated with ECP's 052, 059, and 065. This MODIFICATION also definitizes the NRE associated with ECP-001

(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 JAMO, Senior Contracts Analyst		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) KEN L. KIMBROUGH, USCG	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 7-21-10	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED

BLOCK 14 – DESCRIPTION OF MODIFICATION (CONTINUED)

A. This MODIFICATION incorporates test requirement relaxations into Statement of Work (S.O.W.) 092-6.3.2.1 and 092-6.3.2.3. This MODIFICATION also fully definitizes ECP's: 052, 059 and 065. This MODIFICATION definitizes the non-recurring engineering associated with ECP-001. In lieu of monetary sums for the costs or cost savings associated with the above, the parties hereby agree that through the incorporation of the combined changes, the parties accrue fair and reasonable consideration.

B. This MODIFICATION relaxes the Static Trim and Heel (Technical Publication 096-0002) testing requirements conducted during Preliminary Acceptance Trials (PAT). The applicable Boats are as follows: Boat 45621, and Boats 45623 through 45666.

C. This MODIFICATION also relaxes Acceptance Trials (AT) testing associated with the following: (Technical Publication(s) 051-0001B, Endurance Trials, 051-0002B, Speed Trial, and 561-0001B Steering Test). The applicable Boats are as follows: Boats 45624 through 45630.

D. ECP-001, This MODIFICATION definitizes ECP-001, Main Engine Raw Water Cooling System Strainer non-recurring proposal preparation costs for the ECP-001 Addendum "D" submission. The non-recurring engineering definitized by this MODIFICATION is specific to MMC proposal preparation efforts under revision "D".

E. ECP-052, Full DEFINITIZATION: This MODIFICATION fully definitizes ECP-052. A DTP was issued 9 January 2009, USCG ltr. 068-R0781. This DTP directed MMC to proceed with ECP-052 entitled, "LE Light Switch and Compass Light Dimmer" and to incorporate this change into the configuration of the RB-M. MODIFICATION A00040 definitized the recurring portion of this change for all boats.

F. ECP-059, Full DEFINITIZATION: This MODIFICATION definitizes all costs due the Contractor for ECP-059 proposal preparation. A Request for Proposal (RFP) was issued 9 July 2009, USCG ltr. 068-R0918, entitled, "Pilothouse Shotgun Mount Modification". The ECP work was never directed after this proposal was received. The non-recurring costs due MMC for proposal preparation are definitized by this MODIFICATION.

G. ECP-065, This MODIFICATION definitizes ECP-065 non-recurring engineering. MMC was given a DTP for ECP-065, entitled, "Grounding Wand" by the Contracting Officer via e-mail dated 31 March 2009. In this e-mail it stated a formal RFP would be forthcoming. The formal RFP was issued 24 July 2009, via USCG ltr. 068-R0937. Negotiations of the recurring cost is forthcoming.

BLOCK 14 – DESCRIPTION OF MODIFICATION (CONTINUED)

H. PART III, LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS,
SECTION J, ATTACHMENT 1 – STATEMENT OF WORK:

1. Revise paragraph 092-6.3.1 incorporating revised language associated with Acceptance Underway Trials.

2. Revise paragraph 092-6.3.2.1 incorporating revised language associated with Endurance Trials.

3. Revise paragraph 092-6.3.2.3 incorporating revised language associated with Steering Trials.

I. 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.

J. This MODIFICATION does not obligate funds.

K. It is agreed that all other Contract requirements, terms, and conditions remain unchanged.

L. This completes Block 14.

3

- 092-5.4.3.1 [Orig] Fuel: Amount of fuel onboard at the start of the trial
- 092-5.4.3.2 [Orig] Personnel: Number of persons onboard and their weights
- 092-5.4.3.3 [Orig] Equipment Weights: Weights and centers of gravity of any equipment carried onboard that is not part of the loading condition outfit.
- 092-5.4.3.4 [Orig] Weather and Sea Conditions – including wind speed and direction; air temperature; water temperature; wave height and direction.
- 092-5.4.4 [Orig] During underway trials, the vessel shall be operated in a manner and in waters suitable for collection of data for the approved trial agenda. Trials shall be conducted in water of sufficient depth to allow for safe and prudent navigation of the vessel under its own power. The trials shall be postponed or rescheduled if winds and seas are excessive, as determined by mutual agreement between the contractor and the Coast Guard representative.

092-5.5 [Orig] Reserved.

092-6 [Orig] Acceptance Trials (AT)

092-6.1 [Orig] General.

- 092-6.1.1 [Orig] The contractor shall conduct Acceptance Trials at the delivery location to verify that, following transport and reassembly, all RB-M equipment and systems operate properly, the RB-M is safe and seaworthy in all respects, and the RB-M meets the contract performance requirements underway.
- 092-6.1.2 [Orig] The Contracting Officer will designate a Coast Guard acceptance representative to witness Acceptance Trials and preliminarily accept delivery of the RB-M, as described in Section E.3. The Coast Guard acceptance representative will normally be accompanied by up to two assistants and the three will participate in and witness AT, including riding the RB-M during acceptance underway trials.

092-6.2 [Orig] Post-Delivery Inspection.

- 092-6.2.1 [Orig] The contractor shall reassemble, inspect, and ready the RB-M for delivery in accordance with the requirements of SOW Section 084-3, Preparing the RB-M for Delivery.
- 092-6.2.2 [Orig] The contractor and the Coast Guard shall conduct a joint inspection of all affected systems and equipment to verify conformance with the contract requirements. The inspection shall follow the checklist developed by the contractor as part of the Delivery Plan required by paragraph 084-1.1.
- 092-6.2.3 [Orig] The contractor and the Coast Guard shall conduct a joint inventory of the Boat Outfit.
- 092-6.2.4 [Orig] Discrepancies found during the post-transport inspection must be corrected by the contractor before proceeding to Acceptance Underway Trials, unless otherwise agreed to by the Coast Guard acceptance representative.

092-6.3 [Orig] Acceptance Underway Trials.

- 092-6.3.1 [**A00046**] The contractor shall operate the RB-M in a manner and in waters suitable for collection of trial data. Contractor representative(s) must comply with Personal Protective clothing and Equipment (PPE) policy described in the Rescue and Survival Systems Manual (COMDTINST M10470.10E). Trials shall be conducted in water of sufficient depth to allow for safe and prudent

navigation of the vessel under its own power. The trials shall be postponed or rescheduled if winds and seas are excessive, as determined by mutual agreement between the contractor and the Coast Guard acceptance representative. **Conduct Acceptance Trials in the Normal Operating Condition, without Service Life Margin, fresh water and toilet water onboard.**

- 092-6.3.2 [Orig] The contractor shall demonstrate satisfactory performance of the following:
- 092-6.3.2.1 [A00046] Endurance Trial: The RB-M shall undergo a **30 minute** endurance run at 30 knots, followed by a **30 minute** run at 40 knots, or the contract top speed, whichever is greater. During this trial the contractor shall demonstrate that all systems and equipment operate properly. The contractor shall conduct inspections to verify that there are no leaks in any piping system. The contractor shall record readings on all installed gauges and meters in 15-minute intervals.
 - 092-6.3.2.2 [A00006] Speed Trials: The speed characteristics shall be verified at maximum speed and cruising speed. Speed runs shall be made over a measured course in water at least 20 feet deep. At least two runs shall be made for speed, one in each direction, and the results averaged.
 - 092-6.3.2.3 [A00046] Steering Trials: The satisfactory operation of the steering system and stability of the boat during turns shall be demonstrated. **Test Runs shall be made at cruising and maximum speed. Helm angles used shall be 30 degrees (hard over) at cruise speed, and 15 degrees at maximum speed.**
 - 092-6.3.2.4 [Orig] Emergency Stop: Emergency stop capability shall be verified by shifting from full ahead to full astern as quickly as possible while traveling at the maximum speed.
- 092-6.3.3 [Orig] In addition to the data collected for each trial, the contractor shall record the following information:
- 092-6.3.3.1 [Orig] Fuel: Amount of fuel onboard at the start of the trial
 - 092-6.3.3.2 [Orig] Personnel: Number of persons onboard and their weights
 - 092-6.3.3.3 [Orig] Equipment Weights: Weights and centers of gravity of any equipment carried onboard that is not part of the loading condition outfit.
 - 092-6.3.3.4 [Orig] Weather and Sea Conditions – including wind speed and direction; air temperature; water temperature; wave height and direction.

092-7 [Orig] Additional Tests

- 092-7.1 [Orig] General Requirements - The following additional tests of system requirements shall be conducted on the first RB-M.
- 092-7.2 [Orig] Inclining Test. The contractor shall conduct an inclining experiment on the RB-M prior to PAT in accordance with SOW 097-1.
- 092-7.3 [Orig] Self-Righting Test – The contractor shall conduct a self-righting test on the RB-M in accordance with SOW 097-2.