

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/18/2009		2. CONTRACT NO. (If any) DTMA8C05004		6. SHIP TO: No Contacts Identified	
3. ORDER NO. CLS04S10015		4. REQUISITION/REFERENCE NO. PRSAR100183		a. NAME OF CONSIGNEE DOT/Maritime Administration, South Atlantic Region	
5. ISSUING OFFICE (Address correspondence to) DOT/Maritime Administration, Atlantic Division Acquisition Office of Acquisition, MRG-7200 7737 Hampton Boulevard, Building 19, Suite 300 Norfolk VA 23505				b. STREET ADDRESS CAPE WASHINGTON	
				c. CITY	e. ZIP CODE
7. TO: a. NAME OF CONTRACTOR				f. SHIP VIA	
b. COMPANY NAME Crowley Technical Management, Inc.				8. TYPE OF ORDER	
c. STREET ADDRESS 9487 REGENCY SQ BLVD				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY JACKSONVILLE		e. STATE FL	f. ZIP CODE 32225-8126	<input type="checkbox"/> b. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA 2010 - - X4303 - RRF 931 - 40 - WASO - 0 - 0000 - 000000 - 70 - 106131 - 40 - WASO - 25432 - 6100 - 6600 -				10. REQUISITIONING OFFICE DOT/Maritime Administration, South Atlantic Region	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS				12. F.O.B. POINT Destination	
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION	b. ACCEPTANCE				
16. DISCOUNT TERMS					

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	SEE LINE ITEM DETAIL					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOT. (Cont. pages)
21. MAIL INVOICE TO: Gloria Fullerton						
a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City						
b. STREET ADDRESS (or P.O. Box) MARAD A/P SAR Invoices Branch, AMZ-150 PO Box 25710,						
c. CITY Oklahoma City				d. STATE OK	e. ZIP CODE 73125	17(i) GRAND TOTAL \$212,882.00

22. UNITED STATES OF AMERICA BY (Signature) 			23. NAME (Typed) Milton G. Spears TITLE: CONTRACTING/ORDERING OFFICER			
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**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE NO.
3 of 6

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 12/18/2009	CONTRACT NO. DTMA8C05004	ORDER NO. CLS04S10015
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>CLIN 0501AE - WAS</p> <p>FY10 M&R REPAIRS PROJECT CLS-WAS10-1005A</p> <p>FY10 M&R REPAIRS</p> <p>The purpose of this project is to accomplish MARAD approved specific work items on the ship's approved business plan as identified below, All completed work shall be in compliance with applicable standards as set forth in the Ship Manager contract at C.6.3, Compliance Documents, and subparagraphs thereto, at the time of acceptance. See attached Work Item List.</p> <p align="center"><i>Start Date</i> <i>End Date</i> 12/18/2009 12/31/2010</p> <p>Reference Requisition: PRSAR100183</p>	1.00	JOB	212,882.000	212,882.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i) ➡ \$212,882.00

Award/Contract	Document No. CLS04S10015	Document Title WAS FY10 M&R REPAIRS	Page 4 of 6
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TABLE OF CONTENTS

COMMERCIAL CLAUSES	5
1 WORK ITEM LIST	5

Award/Contract	Document No. CLS04S10015	Document Title WAS FY10 M&R REPAIRS	Page 5 of 6
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COMMERCIAL CLAUSES

1 WORK ITEM LIST

WAS FY10 M&R REPAIRS

The purpose of this project is to accomplish MARAD approved specific work items on the ship's approved business plan as identified below, All completed work shall be in compliance with applicable standards as set forth in the Ship Manager contract at C.6.3, Compliance Documents, and subparagraphs thereto, at the time of acceptance.

Work Item List:

1. Expand 110V AC Power Distribution System
 - a. 5.1 Contractor to provide all labor, equipment and materials in order to expand the currently installed 110V AC system to the following areas in the accommodations of the vessel:
 - b. 5.1.1 Two (2) 20A circuits in each remaining Office Area, each circuit with one (1) two-plug outlet
 - c. 5.1.2 One (1) additional 20A circuit in the Officer's Mess Area, Crew Mess Area, Galley and Serving Area, each circuit with one (1) two-plug outlet.
 - d. 5.1.3 One (1) 20A circuit in the Radio Room, consisting of three (3) separate two-plug outlets.
 - e. 5.1.4 One (1) 20A circuit in the each of the Captain's Stateroom and Captain's Dayroom each circuit consisting of two (2) separate two-plug outlets.
 - f. 5.2 Contractor to run main feeders for each circuit from the open breaker positions on the panel located in the Conference Room, 12 Deck area except for feeders for 5.1.2 above which shall be run from the panel located on the port side of the accommodations, midships area.
 - g. 5.3 Following completion of the installation, the new circuits are to be proven functional to the satisfaction of the vessel Chief Engineer and CLS Port Engineer.
2. Install Soft Start Bow Thruster
 - a. 5.1 Contractor to provide all labor, equipment and materials in order to install a soft-starter on the currently installed 450V 2100HP Bow Thruster for the vessel. Soft-start is required to insure adequate power is available for emergency thruster movements during maneuvering. Contractor is to perform the following work under this specification:
 - b. 5.1.1 Contractor to procure a soft-start for the existing Zaklady Mechaniczne Model BC25-15 thrusters. Thrusters are 450V, 2100HP units. All installed mechanical equipment on bow and stern thrusters are fully functional and do not need replacement. Contractor to establish what type of thruster is needed to reduce on-start loads and increase the reliability of the thrusters. Contractor to specify the manufacturer of the soft start as part of the bid submittal. Additionally, the Contractor shall clearly indicate in their proposal the anticipated amp draw for the motors following installation of the proposed soft-start for comparative purposes.
 - c. 5.1.2 Following procurement, Contractor to install the new soft-start unit on the Bow Thruster of the vessel. Soft Start to be installed in the area most convenient to the Contractor, but said location is to be agreed upon by the vessel Chief Engineer. Contractor to specify location of the soft start during the bid process.
 - d. 5.1.3 Following completion of installation, Contractor to test the new unit in the presence of the CLS Port Engineer, vessel Chief Engineer and a representative from the OEM of the Soft Start. OEM representative to be at the account of the Contractor.
 - e. 5.2 Contractor shall include as part of his bid the manufacturer of the equipment to be installed together with product information to include functional description and drawing of final installation as part of the bid package.
 - f. 5.3 There will be a Contractor walkthrough on Thursday, November 12th at 1030. All questions will be answered at that time.
 - g. 5.4 Contractor is to remove all replaced equipment and properly dispose of all wastes and replaced parts, together with any spares in vessel inventory that are not compatible with the new system in accordance with local, State and Federal guidelines. The vessel Chief Engineer shall make all determinations as to any parts, spares or equipment that should be left on the vessel as usable.
3. Replace W/T Door at Stern
 - a. 5.1 Contractor to provide all labor, equipment and materials in order to perform the following steel repair to the vessel to shore up vessel weather- and water-tight integrity:
 - b. 5.1.1 Contractor to remove existing weather-tight door on the stern of the vessel and replace it with a vessel provided quick-acting weather-tight door.
 - c. 5.2 Following completion of repairs, all areas are to be tested to the satisfaction of the vessel Chief Engineer, the CLS Port Engineer and the attending ABS Surveyor. Contractor shall hose test the doors and the seal welds around the doors to insure adequate boundary protection in way of the replacements.

Award/Contract	Document No. CLS04S10015	Document Title WAS FY10 M&R REPAIRS	Page 6 of 6
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- d. 5.3 All areas disturbed by the repair, including the new door, new steel, new welds, surrounding areas and supporting structure are to be properly painted in accordance with MARAD Coating guidelines for exposed deck areas. All paint to be provided by the vessel, all painting consumables and materials are to be provided by the Contractor. All fasteners are to be supplied in stainless steel and all areas of non-skid and rubber that are disturbed or damaged during the repair are to be properly repaired by the Contractor prior to completion of the work.
- e. Door to be purchased by vessel under separate REQ with funding provided by this service requisition.
- 4. Repair Stern Door Battening Cylinder
 - a. 5.1 Contractor to provide all labor, equipment and materials in order to repair and rebuild one (1) stern door battening cylinder. Cylinder is located on the centerline locking bar. Contractor is to remove the cylinder from the vessel, disassemble the cylinder and completely rebuild the cylinder. Rebuild is to include replacement of all seals, measurement of all clearance and rebuilding the piston if needed.
 - b. 5.2 Following the completion of repairs, cylinder is to be re-installed on the vessel and tested to the satisfaction of the vessel Chief Engineer or CLS Port Engineer to insure adequate function of the door locks.
 - c. 5.3 Additionally, Contractor to supply all labor, equipment and materials in order to replace all of the hydraulic hoses for each of the battening cylinders on the stern door of the vessel.
- 5. Replace Ineffective Emergency Battery Banks
 - a. 5.1 Contractor to provide all labor, equipment and materials to replace Emergency Battery Bank "B" as currently found installed onboard the vessel. Contractor to provide new Nickel-Cadmium batteries of sufficient size and capacity to replace the currently installed Lead-Acid batteries. Contractor to provide suitable chargers and charging supplies to maintain the batteries in accordance with the ABS Rules for Building and Classing Steel Vessels and USCG Code of Federal Regulations.
 - b. 5.2 Following the completion of the battery bank replacement, Contractor to prove ability of new batteries to meet regulatory requirements by load testing the batteries in accordance with Rule requirements to the satisfaction of the vessel Chief Engineer and regulatory agencies as may be applicable.
 - c. 5.3 Upon completion of all testing, Contractor to remove the existing batteries and dispose of them in accordance with all local, State and Federal disposal requirements. Proper documentation to be provided to the vessel for their records to prove satisfactory disposal has been completed.