

ORDER FOR SUPPLIES OR SERVICES

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

1. DATE OF ORDER 12/09/2009		2. CONTRACT NO. (If any) DTMA1H10001		6. SHIP TO: J. Taddia		
3. ORDER NO. GAACTM10013		4. REQUISITION/REFERENCE NO. PR SAR100216		a. NAME OF CONSIGNEE T.S. ENTERPRISE		
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 c/o Massachusetts Maritime Academy 101 Academy Drive		
				c. CITY Buzzards Bay	d. STATE MA	e. ZIP CODE 02532
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.		<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.
d. CITY JACKSONVILLE	e. STATE FL	f. ZIP CODE 32225-8126		10. REQUISITIONING OFFICE DOT/Maritime Administration, South Atlantic Region		
9. ACCOUNTING AND APPROPRIATION DATA 2010 - - X1750 - SMR120 - SM - P107 - 0 - 0000 - 160000 - - - - 25711 - 6100 - 6600 -				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)		16. DISCOUNT TERMS
a. INSPECTION	b. ACCEPTANCE					

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					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		17(h) TOT. (Cont. pages) 17(i) GRAND TOTAL
	21. MAIL INVOICE TO: Christy Remington				
	a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City				
	b. STREET ADDRESS (or P.O. Box) MARAD A/P Branch, AMZ-150 PO Box 25710				
	c. CITY Oklahoma City	d. STATE OK	e. ZIP CODE 73125		\$24,900.00

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**

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DATE OF ORDER 12/09/2009	CONTRACT NO. DTMA1H10001	ORDER NO. GAACTM10013
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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>BRIDGE EQUIP REPAIRS</p> <p>THIS TASK ORDER IS PROVIDED TO CROWLEY TECHNICAL MANAGEMENT FOR GENERAL AGENT M & R SUPPORT SERVICES FOR THE TS KENNEDY IN ACCORDANCE WITH THE ATTACHED DESCRIPTION.</p> <p align="center"><i>Start Date</i> <i>End Date</i> 12/01/2009 01/08/2010</p> <p>Reference Requisition: PRSAR100216</p>	1.00	JOB	24,900.000	24,900.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i) ⇒ \$24,900.00

Statement of Work

Title: Perform Various Bridge Equipment Repairs and Installations

Background and Intent: The Training Ship Kennedy is owned by the U.S. Government and provided to the Massachusetts Maritime Academy for the purpose of training young men and women for a career in the U.S. Merchant Marine. It is the intent of this Statement of Work (SOW) for the contractor to provide an ABS certified technician to accomplish specific repairs and installations of various navigation and communications equipment as defined in the contract line items (CLINs) below.

Location: All work shall be performed aboard the Training Ship Kennedy which is moored alongside her pier at 101 Academy Drive, Buzzards Bay, MA 02532.

Period of Performance: All work shall begin as soon as possible after award and shall be completed prior to December 20, 2009. Work hours shall be from Monday through Friday, 0800 – 1700 hrs, exclusive of all Federal and Massachusetts state holidays.

Description: The Contractor shall supply all labor and materials needed to accomplish the following CLIN items to the satisfaction of the USCG, ABS and the Contracting Officer's Technical Representative (COTR). All materials shall meet or exceed the requirements of the OEM (original equipment manufacturer).

CLIN 0001 - SVDR: Perform all required annual inspections, maintenance and testing of the ship's SVDR to prove its satisfactory operation to the USCG and ABS.

CLIN 0002 – GPS Displays (two): Both GPS displays have dark lines running through them indicating the need to repair or replace them. Replace or repair these displays (depending on which is more cost effective) and prove them to be operational.

CLIN 0003 – GPS Antenna: One of the existing GPS antennas is currently located behind the ship's auxiliary diesel generator exhaust causing the antenna to rapidly deteriorate. Contractor shall replace the antenna with new, relocate it to a location satisfactory to the ship's Second Mate and prove it to be operational.

CLIN0004 – Weather Fax Antenna: Existing fiberglass antenna is severely deteriorated and requires replacement. Replace antenna with new and prove operational.

CLIN0005 – Navtex Antenna: Existing fiberglass antenna is severely deteriorated and requires replacement. Replace antenna with new and prove operational.

CLIN0006 – VHF Antenna: Existing antenna is damaged and requires replacement. Replace antenna with new and prove operational.

CLIN0007 – MORAD VHF Antennas (Five): Existing five aluminum antennas used for the GMDSS are original, outdated, and deteriorated and have suffered a loss in transmission power. Replace all five antennas with new, updated antennas of current technology.

CLIN0008 – 3 cm Radars (Two): Both radars have suffered failure of the same printed circuit board in their MTRs (modulated transmitter receivers). Replace both boards with new and prove operational.

CLIN0009 – MF/HF Whip Antenna: Existing fiberglass antenna is severely deteriorated and requires replacement. Replace antenna with new and prove operational.

CLIN0010 – Pilot Plug/AIS: The existing pilot plug is not near a source of 115 volts (to power the pilots computer). Install a 115 volt outlet and re-mount the plug in the vicinity of that outlet. Location of outlet and plug to be approved by the Second Mate. Prove operational.

CLIN0011 – Primary GMDSS: LRIT capability is desired aboard the ship. There is the possibility that installation of new software into the existing Sat C might accomplish this function without having to purchase and install a new Sat C (with the LRIT already built in). The contractor shall obtain and install this new software into the existing Sat C to determine if LRIT functionality is possible.

CLIN0012 – Backup GMDSS: The MF/HF radio has suffered a failure of its hard drive. Repair or replace the drive (depending on which is more cost effective) and prove the unit operational. Operation of the Sat C and VHF are intermittent. Troubleshoot and repair the Sat C and VHF. Prove the back-up GMDSS operational.

CLIN0013 – Speed Log: The batteries of the speed log are outdated. Replace with new and prove operational.

CLIN0014 – 24 Volt Power Distribution: Existing 24 volt navigation and communication equipment is currently powered from multiple locations. The wire runs are disorganized and entangled. The equipment lacks any battery back-up. Procure and install a properly sized central distribution panel, power supply/charger and back-up battery bank . Re-route and organize all wiring runs. Prove all proper operation of all equipment powered from the new distribution panel on both normal and back-up power.

CLIN0015 – Antenna Drawing: Update the existing antenna location drawing to accurately reflect any changes resulting from this statement of work. Drawing to be done in autocad format.