

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N00033-14-D-7509	2. DELIVERY ORDER/ CALL NO. 0008	3. DATE OF ORDER/ CALL (YYYYMMDD) 2014 May 13	4. REQ./ PURCH. REQUEST NO. N4044614RCN7178	5. PRIORITY
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6. ISSUED BY MILITARY SEALIFT COMMAND WASHINGTON D.C. 914 CHARLES MORRIS COURT SE WASHINGTON NAVY YARD DC 20398-5540	CODE N00033	7. ADMINISTERED BY (if other than 6) SEE ITEM 6	CODE	8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)
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9. CONTRACTOR CABRAS MARINE CORPORATION NAME JOSEPH CRUZ AND 1026 CABRAS HIGHWAY, SUITE 114 ADDRESS PITI GU 96915-5610	CODE OM9K3	FACILITY	10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE	11. MARK IF BUSINESS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGE <input type="checkbox"/> WOMEN-OWNED
			12. DISCOUNT TERMS	
13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15				

14. SHIP TO SEE SCHEDULE	CODE	15. PAYMENT WILL BE MADE BY WAWF SUBMIT ELECTRONIC INVOICES IAW WAWF CONTRACT CLAUSE MSC WORLDWIDE DC ANY	CODE	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE	<input type="checkbox"/>	Reference your quote dated Furnish the following on terms specified herein. REF:

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:			

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE
See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
SEE SCHEDULE					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle. 24. UNITED STATES OF AMERICA TEL: (b) (6) EMAIL: (b) (6) BY: Keith Beem	 CONTRACTING / ORDERING OFFICER	25. TOTAL \$9,328.07 26. DIFFERENCES
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27a. QUANTITY IN COLUMN 20 HAS BEEN
 INSPECTED RECEIVED ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	c. DATE (YYYYMMDD)	d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	28. SHIP NO.	29. DO VOUCHER NO.	30. INITIALS
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f. TELEPHONE NUMBER	g. E-MAIL ADDRESS	<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY
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36. I certify this account is correct and proper for payment.		31. PAYMENT	33. AMOUNT VERIFIED CORRECT FOR
a. DATE (YYYYMMDD)	b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. CHECK NUMBER
			35. BILL OF LADING NO.

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	FIRE PUMP OVERHAUL FFP #4 Fire pump overhaul on the USS Frank Cable in accordance with the attached statement of work FOB: Destination PURCHASE REQUEST NUMBER: N4044614RCN7178	1	Lot	\$9,328.07	\$9,328.07
				NET AMT	\$9,328.07
	ACRN AA CIN: N4044614RCN71780001				\$9,328.07

Section C - Descriptions and Specifications

STATEMENT OF WORK1.0 ABSTRACT

1.1 This item describes the overhaul of the No.4 Fire Pump and Motor.

2.0 REFERENCES/ENCLOSURES

2.1 References:

- GPM
- 2.1.1 NAVSEA Tech. Manual 0910-LP-105-2763, "Navy Standard, Titanium Fire Pump, 1000
 - 2.1.2 MSC Standard Item no. 87, "Shop Overhaul of Centrifugal Pumps".
 - 2.1.3 MSC Standard Item No.54, "Recondition Squirrel Cage Motors, AC Service"
 - 2.1.4 VR14-0031, CASREP 14-016.

2.2 Enclosures: None.

3.0 ITEM LOCATION/DESCRIPTION

3.1 Location/Quantity:

- 3.1.1 Location: 7-110-0-E, Engine Room.
- 3.1.2 Quantity: One (1) ea. Fire Pump to be dealt with.

3.2 Description/Manufacturer's Data: PMPCTFGL 1000 GPM 150PSI 3600RMP MCC VLT
 APL: M018880296 Pump, Ctfgl, 1K GPM, 150 PSI
 MANUFACTURER: NAVAL SEA SYSTEMS COMMAND
 Model Number: 5773203-24QA
 Serial Number: 83112334

4.0 GOVERNMENT FURNISHED EQUIPMENT/MATERIAL/SERVICES

4.1 Material:

NOM	QTY	P/N	NSN
RING, WRG	01	5773203-1.2U	4320-01-245-0827
SETSCREW	02	5773203-1.3	5305-01-245-0698
O-RING	01	5773203-1.6	5331-01-005-0527
O-RING	02	5773203-1.9.1	5331-00-167-5174
IMPELLER	01	5773203-2E	4320-01-245-1159
RING, WRG	01	5773203-3.2U	4320-01-245-0828
SETSCREW	02	5773203-3.3	5305-01-245-0699
SLEEVE, SH	01	5773203-4	4320-01-245-0762
O-RING	01	5773203-4.1	5331-00-167-5120
WASHER LK	01	5773203-5	5310-01-245-0726
NUT, IMP	01	5773203-6	5310-01-248-0458
KEY	01	5773203-8	5315-01-265-2170

5.0 NOTES

5.1 The contractor and all subcontractors, regardless of tier must consult the General Technical Requirements (GTR) to determine applicability to this work item. In performance of this work item, the contractor and all subcontractors regardless of tier must comply with the requirements of all applicable GTR's including but not limited to GTR's 1-7, and 25.

5.2 Open Fire Pump suction and 150 psi discharge piping must be securely blanked.

5.3 The Motor and Pump are close coupled. The motor end bell on the pump side is to be scaled and preserved with a top coat of Amercoat 240 Haze Gray.

5.4 This is a titanium pump. The tech manual warns that no steel files or other chip producing tools are to be used on the pump to prevent steel from getting into the grain of the titanium. Catastrophic pump failure can occur over time as a result.

5.5 The Pump Seal Head weighs 110 pounds and requires special rigging.

6.0 QUALITY ASSURANCE REQUIREMENTS

6.1 All work performed shall be to the satisfaction of the MSC Port Engineer and the Chief Engineer. Wearing ring concentricity, clearances, and a maximum impeller run-out of 0.001 inches TIR and a 150 psi pump casing hydrostatic test are to be demonstrated to the MSCREP.

7.0 STATEMENT OF WORK REQUIRED

7.1 Perform all work described in reference 2.1.1 on the No. 4 Fire Pump detailed in paragraph 6.4, 6.6, and 6.7, and using reference 2.1.2 for guidance.

7.1.1 Parts or repairs required in addition to those specifically listed as GFM in paragraph 4.1 of this work item will be considered a change order to this work item.

7.1.1.1 Submit two (2) copies of a written report of the conditions found, along with any additional recommended repairs or parts required, to the Port Engineer within 24 hours of the visual inspections.

7.1.2 Recondition motor in accordance with reference 2.1.3 to include, clean, dip, and bake and blast motor housing only. Contractor shall provide bearing replacement.

7.1.3 Reassemble pump and conduct hydrostatic test to be witnessed by MSCREP.

7.1.4 Convey pump to the ship and reinstall. Ship's force shall flood and vent pump casing and will connect electrically and check for proper pump rotation.

7.2 Conduct an operational test of the pump in conjunction with ship's force for a minimum of twenty four (24) hours. For the first four (4) hours, take and record output pressures and bearing temperatures every 30 minutes under normal load. Adjust all controls and prove new and disturbed joints free of leaks to the satisfaction of the Port Engineer and the Chief Engineer.

7.3 All dirt and debris resulting from this work item shall be removed from the ship daily and all areas left clean and in good order.

7.4 Mechanically clean, prepare, prime, paint and otherwise restore all new and disturbed surfaces to match surrounding surfaces.

7.5 Manufacturer's Representative: None.

7.6 Preparation of Drawings: None.

8.0 GENERAL REQUIREMENTS

- 8.1 VESSEL NAME: USS FRANK CABLE (AS 40)
- 8.2 PERIOD OF PERFORMANCE: 01MAY TO 15MAY2014
- 8.3 LOCATION: POLARIS POINT, GUAM

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0003	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0003	POP 01-MAY-2014 TO 15-MAY-2014	N/A	N/A FOB: Destination	

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 97 X 4930 ND2A 000 40446 0 000033 2F0000000000000000

AMOUNT: \$9,328.07

CIN N4044614RCN71780001: \$9,328.07