

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER WF7LKT03640200		PAGE 1 OF 27	
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER		5. SOLICITATION NUMBER W913FT-11-R-0020		6. SOLICITATION ISSUE DATE 27-Apr-2011
7. FOR SOLICITATION INFORMATION CALL:		a. NAME ROSALBA MATEUS			b. TELEPHONE NUMBER (No Collect Calls) 571-383-2552		8. OFFER DUE DATE/LOCAL TIME 02:00 PM 18 May 2011
9. ISSUED BY REGIONAL CONTRACTING OFFICE (RCO) BOGOTA CARRERA 45 NO. 24B-27 USMILGP CONTRACTING BOGOTA TEL: FAX:		CODE W913FT	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SB <input type="checkbox"/> HUBZONE SB <input type="checkbox"/> 8(A) <input type="checkbox"/> SVC-DISABLED VET-OWNED SB <input type="checkbox"/> EMERGING SB SIZE STD: NAICS: 334290		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE <input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) 13b. RATING 14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP		12. DISCOUNT TERMS
15. DELIVER TO ARMADA NACIONAL DE COLOMBIA CAROLINA AVENDANO/ARMIRA HERNANDEZ MINISTERIO DE DEFENSA DEPOSITO ADUANERO HABILITADO DIRECCION DE COMERCIO EXTERIOR BOGOTA-COLOMBIA TEL: 571-414-3757 FAX:		CODE WF7LKT	16. ADMINISTERED BY CODE				
17a. CONTRACTOR/OFFEROR TEL.		CODE	18a. PAYMENT WILL BE MADE BY CODE				FACILITY CODE
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
SEE SCHEDULE							
25. ACCOUNTING AND APPROPRIATION DATA					26. TOTAL AWARD AMOUNT (For Govt. Use Only)		
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED.				ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED			
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED.				ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED			
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>0</u> COPIES <input type="checkbox"/> TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR			31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)		31c. DATE SIGNED		
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) TEL: EMAIL:				

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
(CONTINUED)**

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p>SEE SCHEDULE</p>					

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)		
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT (<i>Location</i>)	
		42c. DATE REC'D (<i>YY/MM/DD</i>)	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Navigation Equipment FFP Midnight Express Navigation Equipment as stated in Exhibit A.	1	Lot		
Prices shall include door to door shipping to Bogota - Colombia.					
Customs clearance charges shall not be included in the price. Delivery shall be made directly to the shipping address stated in the solicitation/award in order to ensure clearance charges will not be incurred.					
PURCHASE REQUEST NUMBER: WF7LKT03640200					

NET AMT

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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0001	45 dys. ADC	1	ARMADA NACIONAL DE COLOMBIA CAROLINA AVENDANO/ARMIRA HERNANDEZ MINISTERIO DE DEFENSA DEPOSITO ADUANERO HABILITADO DIRECCION DE COMERCIO EXTERIOR BOGOTA-COLOMBIA 571-414-3757 FOB: N/A	WF7LKT
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CLAUSES INCORPORATED BY REFERENCE

52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.211-6	Brand Name or Equal	AUG 1999
52.212-1	Instructions to Offerors--Commercial Items	JUN 2008
52.212-4	Contract Terms and Conditions--Commercial Items	JUN 2010
52.214-34	Submission Of Offers In The English Language	APR 1991
52.225-14	Inconsistency Between English Version And Translation Of Contract	FEB 2000
52.229-6	Taxes--Foreign Fixed-Price Contracts	JUN 2003
52.247-27	Contract Not Affected by Oral Agreement	APR 1984
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	JAN 2009
252.209-7001	Disclosure of Ownership or Control by the Government of a Terrorist Country	JAN 2009
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.225-7041	Correspondence in English	JUN 1997
252.225-7042	Authorization to Perform	APR 2003
252.229-7000	Invoices Exclusive of Taxes or Duties	JUN 1997
252.232-7008	Assignment of Claims (Overseas)	JUN 1997
252.232-7010	Levies on Contract Payments	DEC 2006
252.233-7001	Choice of Law (Overseas)	JUN 1997

CLAUSES INCORPORATED BY FULL TEXT

52.212-2 EVALUATION--COMMERCIAL ITEMS (JAN 1999)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered.

Award will be made to the lowest priced technically acceptable proposal.

The following factors shall be used to evaluate offers:

1. Technical Acceptability

i. This solicitation includes requirements for the required items/equipment to be provided on a “Brand Name or Equal” basis, in accordance with FAR 11.104 and the FAR provision 52.211-6 incorporated into this solicitation. Offerors may choose to offer the specified item (see list under Schedule B) or another product determined to be “equal” to the specified product. All “or equal” products to be delivered under the resulting contract shall comply with the salient characteristics set forth in the solicitation. These characteristics shall be used by the Government to determine that the offered products are equal to the specified product.

ii. Technical proposal shall consist of and must include:

(1) Certification that the contractor will provide the items/equipments on the list included in the solicitation on a brand name or equal basis. Certification shall be on the company letterhead and signed by an authorized representative of the company.

(2) Descriptive literature or brochures for the proposed “equal” item that demonstrate that it meets or exceeds the salient characteristics of the requirement.

(3) BRAND NAME OR EQUAL Information: Offerors shall provide the following information for any “or equal” items proposed in lieu of the specific manufacturer, brand, make, model listed above.

Brand Name Proposed: _____

Make and/or Model No.: _____

Manufacturer's Name: _____

Manufacturer's Address: _____

Manufacturer's Website/URL: _____

The Government reserves the right to make a technical acceptability determination without discussions with offerors.

2. Price

Total evaluated price shall be the basis for evaluating price for contract award decision purposes. Total evaluated price shall be determined by adding the proposed prices on the list of items/equipment stated in the solicitation (Exhibit A). Contractor shall price all line items in the list of items/equipment. In the event the unit price(s) and extended price(s) are ambiguous, the Government shall use the indicated unit price(s) for evaluation and award purposes. The Government reserves the right to make an award on any item of a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(b) Options. The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).

(c) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of provision)

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (JAN 2011)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEP 2006), with Alternate I (OCT 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010)(Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2010) (Pub. L. 109-282) (31 U.S.C. 6101 note).

(5) 52.204-11, American Recovery and Reinvestment Act—Reporting Requirements (JUL 2010) (Pub. L. 111-5).

(6) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (DEC 2010) (31 U.S.C. 6101 note). (Applies to contracts over \$30,000). (Not applicable to subcontracts for the acquisition of commercially available off-the-shelf items).

(7) 52.219-3, Notice of Total HUBZone Set-Aside or Sole-Source Award (JAN 2011) (15 U.S.C. 657a).

(8) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JAN 2011) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

- ___ (9) [Reserved].
- ___ (10)(i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).
- ___ (ii) Alternate I (OCT 1995) of 52.219-6.
- ___ (iii) Alternate II (MAR 2004) of 52.219-6.
- ___ (11)(i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).
- ___ (ii) Alternate I (OCT 1995) of 52.219-7.
- ___ (iii) Alternate II (MAR 2004) of 52.219-7.
- ___ (12) 52.219-8, Utilization of Small Business Concerns (JAN 2011) (15 U.S.C. 637 (d)(2) and (3)).
- ___ (13)(i) 52.219-9, Small Business Subcontracting Plan (JAN 2011) (15 U.S.C. 637(d)(4)).
- ___ (ii) Alternate I (OCT 2001) of 52.219-9
- ___ (iii) Alternate II (OCT 2001) of 52.219-9.
- ___ (iv) Alternate III (JUL 2010) of 52.219-9.
- ___ (14) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).
- ___ (15) 52.219-16, Liquidated Damages--Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ___ (16)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
- ___ (ii) Alternate I (JUNE 2003) of 52.219-23.
- ___ (17) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (APR 2008) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (18) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (19) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (U.S.C. 657 f).

___ (20) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2009) (15 U.S.C. 632(a)(2)).

___ (21) 52.222-3, Convict Labor (JUNE 2003) (E.O. 11755).

X (22) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).

___ (23) 52.222-21, Prohibition of Segregated Facilities (FEB 1999).

___ (24) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

___ (25) 52.222-35, Equal Opportunity for Veterans (SEP 2010) (38 U.S.C. 4212).

___ (26) 52.222-36, Affirmative Action for Workers with Disabilities (OCT 2010) (29 U.S.C. 793).

___ (27) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).

___ (28) 52.222-37, Employment Reports on Veterans (SEP 2010) (38 U.S.C. 4212).

___ (29) 52.222-54, Employment Eligibility Verification (JAN 2009). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

___ (30) (i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (MAY 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

___ (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(c)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

___ (31) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b)

___ (32)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423)

___ (ii) Alternate I (DEC 2007) of 52.223-16. .

X (33) 52.223-18, Contractor Policy to Ban Text Messaging while Driving (SEP 2010) (E.O. 13513).

- ___ (34) 52.225-1, Buy American Act--Supplies (JUNE 2003) (41 U.S.C. 10a-10d).
- ___ (35)(i) 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act (JUN 2009) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).
- ___ (ii) Alternate I (JAN 2004) of 52.225-3.
- ___ (iii) Alternate II (JAN 2004) of 52.225-3.
- ___ (36) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- _X_ (37) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- ___ (38) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- ___ (39) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- ___ (40) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f))
- ___ (41) 52.232-30, Installment Payments for Commercial Items (OCT 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- ___ (42) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (OCT 2003) (31 U.S.C. 3332).
- _X_ (43) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (MAY 1999) (31 U.S.C. 3332)
- ___ (44) 52.232-36, Payment by Third Party (FEB 2010) (31 U.S.C. 3332).
- ___ (45) 52.239-1, Privacy or Security Safeguards (AUG 1996) (5 U.S.C. 552a).
- ___ (46)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).
- ___ (ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

_____ (1) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

_____ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

_____ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

_____ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

_____ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

_____ (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

_____ (7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (Mar 2009) (Pub. L. 110-247).

_____ (8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008)(31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records--Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) (1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause—

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (DEC 2010) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) Reserved.

(iv) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Veterans (SEP 2010) (38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (OCT 1998) (29 U.S.C. 793).

(vii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(viii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

(xii) 52.222-54, Employment Eligibility Verification (JAN 2009).

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor May include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

52.225-17 EVALUATION OF FOREIGN CURRENCY OFFERS (FEB 2000)

If the Government receives offers in more than one currency, the Government will evaluate offers by converting the foreign currency to United States currency using the official exchange rate in effect as follows:

- (a) For acquisitions conducted using sealed bidding procedures, on the date of bid opening.
- (b) For acquisitions conducted using negotiation procedures--
 - (1) On the date specified for receipt of offers, if award is based on initial offers; otherwise
 - (2) On the date specified for receipt of proposal revisions.

(End of provision)

52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Regional Contracting Office – Bogota
U.S. Embassy – Bogota
MILGP Unit 5140
APO AA 34038

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

ADDENDUM:

If you have complaints about this procurement, it is preferable that you first attempt to resolve those concerns with the responsible Contracting Officer. However, you can also protest to Headquarters, AMC. The HQ, AMC-Level protest Program is intended to encourage interested parties to seek resolution of their concerns within AMC as an Alternative Dispute Resolution forum, rather than filing a protest with the General Accounting office or other external forum. Contract award or performance is suspended during the protest to the same extent, and within the same time periods, as if filed at the GAO. The AMC protest decision goal is to resolve protests within 20 working days from filing. To be timely, protests must be filed within the periods specified in FAR 33.103. Send protests (other than protests to the contracting officer) to:

HQ Army Materiel Command
Office of Command Counsel
9301 Chapek Rd, Room 2-1SE3401
Ft. Belvoir, VA 22060-5527
Facsimile number (703) 806-8866 or 8875

Packages sent by Fedex or UPS should be addressed to:

HQ Army Materiel Command
Office of Command Counsel
Room 2-1SE3401
1412 Jackson Loop
Ft. Belvoir, VA 22060-5527

The AMC-level protest procedures are found at:

<http://www.amc.army.mil/pa/COMMANCOUNSEL.asp>

If Internet access is not available, contact the Contracting Officer or HQ, AMC to obtain the AMC-Level Protest Procedures.

(End of provision)

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

www.acquisition.gov/far

(End of provision)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

www.acquisition.gov/far

(End of clause)

252.212-7000 OFFEROR REPRESENTATIONS AND CERTIFICATIONS- COMMERCIAL ITEMS. (JUN 2005)

(a) Definitions.

As used in this clause-

(1) Foreign person means any person other than a United States person as defined in Section 16(2) of the Export Administration Act of 1979 (50 U.S.C. App. Sec. 2415).

(2) United States means the 50 States, the District of Columbia, outlying areas, and the outer Continental Shelf as defined in 43 U.S.C. 1331.

(3) United States person is defined in Section 16(2) of the Export Administration Act of 1979 and means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern which is controlled in fact by such domestic concern, as determined under regulations of the President.

(b) Certification.

By submitting this offer, the Offeror, if a foreign person, company or entity, certifies that it -

(1) Does not comply with the Secondary Arab Boycott of Israel; and

(2) Is not taking or knowingly agreeing to take any action, with respect to the Secondary Boycott of Israel by Arab countries, which 50 U.S.C. App. Sec. 2407(a) prohibits a United States person from taking.

(c) Representation of Extent of Transportation by Sea. (This representation does not apply to solicitations for the direct purchase of ocean transportation services).

(1) The Offeror shall indicate by checking the appropriate blank in paragraph (c)(2) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term "supplies" is defined in the Transportation of Supplies by Sea clause of this solicitation.

(2) Representation.

The Offeror represents that it-

___ Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

___ Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(3) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea Clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense Federal Acquisition Regulation Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

(End of provision)

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (MAR 2011)

(a) The Contractor agrees to comply with the following Federal Acquisition Regulation (FAR) clause which, if checked, is included in this contract by reference to implement a provision of law applicable to acquisitions of commercial items or components.

52.203-3, Gratuities (APR 1984) (10 U.S.C. 2207).

(b) The Contractor agrees to comply with any clause that is checked on the following list of Defense FAR Supplement clauses which, if checked, is included in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items or components.

(1) 252.203-7000, Requirements Relating to Compensation of Former DoD Officials (JAN 2009) (Section 847 of Pub. L. 110-181).

(2) 252.205-7000, Provision of Information to Cooperative Agreement Holders (DEC 1991) (10 U.S.C. 2416).

(3) 252.219-7003, Small Business Subcontracting Plan (DoD Contracts) (OCT 2010) (15 U.S.C. 637).

(4) 252.219-7004, Small Business Subcontracting Plan (Test Program) (JAN 2011) (15 U.S.C. 637 note).

(5)(i) 252.225-7001, Buy American Act and Balance of Payments Program (JAN 2009) (41 U.S.C. 10a-10d, E.O. 10582).

(ii) Alternate I (DEC 2010) of 252.225-7001.

(6) 252.225-7008, Restriction on Acquisition of Specialty Metals (JUL 2009) (10 U.S.C. 2533b).

(7) 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals (JAN 2011) (10 U.S.C. 2533b).

(8) 252.225-7012, Preference for Certain Domestic Commodities (JUN 2010) (10 U.S.C. 2533a).

(9) 252.225-7015, Restriction on Acquisition of Hand or Measuring Tools (JUN 2005) (10 U.S.C. 2533a).

(10) 252.225-7016, Restriction on Acquisition of Ball and Roller Bearings (DEC 2010) (Section 8065 of Public Law 107-117 and the same restriction in subsequent DoD appropriations acts).

(11)(i) 252.225-7021, Trade Agreements (NOV 2009) (19 U.S.C. 2501-2518 and 19 U.S.C. 3301 note).

(ii) Alternate I (SEP 2008)

(iii) Alternate II (DEC 2010) of 252.225-7021.

(12) 252.225-7027, Restriction on Contingent Fees for Foreign Military Sales (APR 2003) (22 U.S.C. 2779).

(13) 252.225-7028, Exclusionary Policies and Practices of Foreign Governments (APR 2003) (22 U.S.C. 2755).

(14)(i) ___ 252.225-7036, Buy American Act--Free Trade Agreements--Balance of Payments Program (DEC 2010) (41 U.S.C. 10a-10d and 19 U.S.C. 3301 note).

(ii) ___ Alternate I (JUL 2009) of 252.225-7036.

(iii) ___ Alternate II (DEC 2010) of 252.225-7036.

(iv) ___ Alternate III (DEC 2010) of 252.225-7036.

(15) ___ 252.225-7038, Restriction on Acquisition of Air Circuit Breakers (JUN 2005) (10 U.S.C. 2534(a)(3)).

(16) ___ 252.226-7001, Utilization of Indian Organizations, Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns (SEP 2004) (Section 8021 of Public Law 107-248 and similar sections in subsequent DoD appropriations acts).

(17) ___ 252.227-7015, Technical Data--Commercial Items (MAR 2011) (10 U.S.C. 2320).

(18) ___ 252.227-7037, Validation of Restrictive Markings on Technical Data (SEP 1999) (10 U.S.C. 2321).

(19) X 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports (MAR 2008) (10 U.S.C. 2227).

(20) ___ 252.237-7019, Training for Contractor Personnel Interacting with Detainees (SEP 2006) (Section 1092 of Public Law 108-375).

(21) ___ 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (NOV 2010) (Section 1038 of Pub. L. 111-84).

(22) X 252.243-7002, Requests for Equitable Adjustment (MAR 1998) (10 U.S.C. 2410).

(23) ___ 252.246-7004, Safety of Facilities, Infrastructure, and Equipment for Military Operations (OCT 2010) (Section 807 of Public Law 111-84).

(24) ___ 252.247-7003, Pass-Through of Motor Carrier Fuel Surcharge Adjustment to the Cost Bearer (SEP 2010) (Section 884 of Public Law 110-417).

(25)(i) X 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).

(ii) ___ Alternate I (MAR 2000) of 252.247-7023.

(iii) ___ Alternate II (MAR 2000) of 252.247-7023.

(iv) ___ Alternate III (MAY 2002) of 252.247-7023.

(26) S 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).

(c) In addition to the clauses listed in paragraph (e) of the Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items clause of this contract (FAR 52.212-5), the Contractor shall include the terms of the following clauses, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

(1) 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (NOV 2010) (Section 1038 of Pub. L. 111-84).

(2) 252.237-7019, Training for Contractor Personnel Interacting with Detainees (SEP 2006) (Section 1092 of Public Law 108-375).

(3) 252.247-7003, Pass-Through of Motor Carrier Fuel Surcharge Adjustment to the Cost Bearer (SEP 2010) (Section 884 of Public Law 110-417).

(4) 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).

(5) 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).

(End of clause)

252.229-7001 TAX RELIEF (JUN 1997)

(a) Prices set forth in this contract are exclusive of all taxes and duties from which the United States Government is exempt by virtue of tax agreements between the United States Government and the Contractor's government. The following taxes or duties have been excluded from the contract price:

NAME OF TAX: (IVA) RATE (16%)

(b) The Contractor's invoice shall list separately the gross price, amount of tax deducted, and net price charged.

(c) When items manufactured to United States Government specifications are being acquired, the Contractor shall identify the materials or components intended to be imported in order to ensure that relief from import duties is obtained. If the Contractor intends to use imported products from inventories on hand, the price of which includes a factor for import duties, the Contractor shall ensure the United States Government's exemption from these taxes. The Contractor may obtain a refund of the import duties from its government or request the duty-free import of an amount of supplies or components corresponding to that used from inventory for this contract.

(End of clause)

ADDENDUM TO FAR 52.212-1 INSTR

ADDENDUM TO FAR 52.212-1 INSTRUCTIONS TO OFFERORS – COMMERCIAL ITEMS

ADDITIONAL INSTRUCTIONS AND INFORMATION:

1. PROPOSAL SUBMITTAL INSTRUCTIONS: Offerors are required to submit a complete proposal package as listed in Paragraph 2. Proposal packages must be received on or before the solicitation closing date.

a. Proposal packages will be accepted via e-mail to:

Rosalba Mateus

mateusr@tcsc.southcom.mil

mateus.rosalba2@us.army.mil

Commercial: 011-571-383-2552

Alternate:
Annabelle F. Miller
annabelle.miller@tcsc.southcom.mil
annabelle.miller@us.army.mil
Commercial: 011-571-383-4227

b. The Government reserves the right to extend the notification deadline of the solicitation up to the date proposals are initially due.

c. Proposals submitted electronically via e-mail shall be prepared in Microsoft application programs (i.e., Word 2000 and/or Excel 2000). Proposals submitted electronically do not relinquish the Offeror’s responsibility for providing a hard copy of the complete proposal, if the contracting officer requires submission of a hard copy.

d. Minimum Proposal Acceptance Period - The proposal acceptance period is 60 days. The Offeror shall make a clear statement in its Proposal Documentation that the proposal is valid for a period of not less than 60 days from receipt of offers.

2. PROPOSAL FILES Offeror shall submit the following:

a. Certification that the contractor will provide the items/equipment on the list included in the solicitation on a brand name or equal basis and that delivery will be completed on or before the delivery date stated in the solicitation. Certification shall clearly indicate that the contractor can meet these two requirements. Certification shall be on the company letterhead and signed by an authorized representative of the company.

If an “equal” item is proposed, contractor shall submit descriptive literature or brochures for the proposed “equal” item that demonstrate that it meets or exceeds the salient characteristics of the requirement. **This is only required if an “Equal” item is proposed.**

If an “equal” item is proposed, the following information shall be provided with the certification. **This is only required if an “Equal” item is proposed.**

Brand Name Proposed: _____
Make and/or Model No.: _____
Manufacturer's Name: _____
Manufacturer’s Address: _____
Manufacturer’s Website/URL: _____

b. Excel pricing spreadsheet containing the list of items/parts, unit price and extended price.

c. Standard Form 1449, Solicitation/Contract/Order for Commercial Items with Blocks 12, 17a, 30a, 30b and 30c completed by the offeror.. This form shall be signed by an authorized representative of the company. Include acknowledgment of Amendments, if any.

d. Schedule of Supplies and Services indicating total proposed cost. Total amount should correspond to the total amount in the Excel pricing spreadsheet.

e. Completed Representations and Certifications

FAR 52.212-3 Offeror Representations and Certifications – Commercial Items Alternate 1

DFARS 252.212-7000 Offeror Representations and Certifications – Commercial Items

SHIPPING INSTRUCTIONS
SHIPPING INSTRUCTIONS

SHIP TO/ENTREGAR/DESPACHAR A:

ARMADA NACIONAL DE COLOMBIA
DEPOSITO ADUANERO HABILITADO DICOMEX
CARRERA 65 No. 14-91
ATN: ARMIRA HERNANDEZ/CAROLINA AVENDAÑO
TELS: (571) 266-1214/1215
BOGOTA – COLOMBIA
SOUTH AMERICA

The contractor shall prepare and complete a DD 250 Material Inspection and Receiving Report when delivery is made. The contractor shall ensure that the Government representative/Point of Contact (POC) signs the DD250 confirming receipt of items. See attached DD250.

El proveedor deberá preparar y completar la forma DD250 Reporte de Inspección y recibo cuando la entrega se realice. El proveedor debe asegurarse que la forma DD250 este firmada del representante del Gobierno o el punto de contacto con el recibo de los articulos entregados. Anexo forma DD250.

PAYMENT INSTRUCTIONS
PAYMENT INSTRUCTIONS/ INSTRUCCIONES PARA EL PAGO:

Deliver/submit an Original invoice and a completed and signed DD250 to the USMILGRP Payment Office at one of the below addresses:

Within Colombia:

Billing Address:
Calle 24 Bis 48-50 (POST 1)
US Embassy
USMILGRP – Contracting Office
Attn: Tatiana Suarez
BOGOTA, COLOMBIA
TEL: 011-571-383-2601

Outside of Colombia:

Scan the documents (invoice and DD250 form) and send them by e-mail to: Tatiana.suarez.co@tcsc.southcom.mil

If the invoice is for a partial or full payment please indicate that on the invoice.

You must distribute copies of these completed forms as follows.

- 1) Contract File: Receiving Report will be received by:
Rosalba Mateus Email: mateusr@tcsc.southcom.mil
- 2) Paying Office & Resource Management Office (RMO): Receiving Report will be received by:

Tatiana Suarez Email: Tatiana.suarez.co@tcsc.southcom.mil

PARA RADICAR LA FACTURA:

Enviar/entregar la factura original y la forma DD250 diligenciada y firmada al Grupo Militar, Embajada Americana en la siguiente dirección:

En Colombia:

Oficina de Pago:
Calle 24 Bis 48-50 (PUESTO # 1)
US Embassy
USMILGRP – Contracting Office
Attn: Tatitana Suarez
BOGOTA, COLOMBIA
TEL: 011-571-383-2601

Fuera de Colombia:

Escanear documentos (factura y forma DD250) y enviar por e-mail a: Tatiana.suarez.co@tcsc.southcom.mil

Si la factura es por un pago parcial o total favor indicarlo en la factura.

Enviar copias de las formas como se menciona:

- 1) Contrato: Forma DD250 Reporte de recibo a:
Rosalba Mateus Email: mateusr@tcsc.southcom.mil
- 2) Oficina de Pago: Forma DD 250 Reporte de Recibo a:
Tatiana Suarez Email: Tatiana.suarez.co@tcsc.southcom.mil

EXHIBIT A

**W913FT-11-R-0020
MIDNIGHT NAVIGATION EQUIPMENT**

ITEM	DESCRIPTION	QTY	U. PRICE	T. PRICE
1	<p>Antenna RD424 – Raytamarine or Equivalent</p> <p>Type: Patch Array, Beam Width (nominal): 3.9° horizontal, 25° vertical, Polarization: Horizontal, Rotation Rate: 24 rpm (nominal). CE Approval: Conforms to 1999/5/EC, FCC Approval: Conforms to 47CFR Part 2 and Part 80, Dimensions: 652 x 247 mm (25.67 x 9.7 in), Weight: 10 kg (22 lbs), Input Voltage: 12 - 24 V DC, Power Consumption: 60 W (25 W Standby), Waterproof: IPX6, Temperature Range: -10° to +55°C, Humidity Limit: Up to 95% at 35°C, Maximum operating wind speed: 100 kts, Maximum range Scale: 48 nm.</p> <p>Receiver: IF Frequency: 70 MHz (nominal), Receiver Characteristic: Linear, Receiver Noise Figure: Less than 5 dB (including Low Noise Converter/Limiter & If Receiver),</p>	26 EA		

	Receiver Bandwidth: Matched digital filter for each pulse length, Transmitter: Transmitting Frequency: 9405 +/- 25 MHz, Peak Power Output: 4.0 kW (nominal), Transmitter: Solid-state modulator driving Magnetron, Standby Mode: Magnetron heater and control left on, all other services off, Duplexer: Circulator.			
2	<p>Display Radar C120W – Raytamarine or Equivalent</p> <p>Data Display Capabilities: GPS, Chart plotter, Fish finder, Radar, External Video, CDI (Course Deviation Indicator), and customizable Data Bar display. Dimensions: C120W: 14.98" x 9.66" x 6.14" (380.4 x 245.4 x 155.9), Depth measurement includes power cable, Display (LCD) Size: C120W: 12.1", Display Colors: 16.7M, Display Resolution: C120W: 1280 x 800 pixels (wide XGA), Display Type: Sunlight viewable color TFT LCD, Mounting Methods: Console mounting hardware included. Trunnion mounting kit sold separately, Operating Temperature Limits: 14°F to 122°F (-10°C to 50°C) ambient air at 95% RH, Power Consumption: 32 Watts (typical), Voltage Range: 10.7–32 volts (12/24v nominal), Waterproofing: CFR46/IPX6 standards, Weight: C120W:10.5lbs (4.76kg), Approvals CE - Conforms to FCC - Compliant with: Essential requirements of 1995/5/EC, 1989/336/EC. CFR47 Parts 2 & 80, Humidity Limit: up to 95% at 35°C non-condensing, Display Windows: Chart, Radar, Fish finder, CDI, Video, Data, Weather and Engine Monitor, Screen Functions: Full, half and quarter screens available dependant on function. Also 3 window page with 2 x 1/4 page windows and 1 x 1/2 page window, Illumination: Screen and keypad: 0 to 100% in 64 steps Day/Night Mode, Languages: English (US), English (UK), Italian, French, Spanish, German, Norwegian, Dutch, Swedish, Danish, Portuguese, Finnish, Icelandic, Chinese, Russian, Greek, Japanese, Korean, System Alarms: Alarm Clock, Anchor, Arrival, Deep, Shallow and Fishing Depth, MOB, Off-track, Temperature, Timer, Navigation Alarms: Arrival Alarm, Off-track XTE Alarm,</p> <p>Interfaces: Network Configurations: Single or dual display configurations, Sea Talks Network: 2 ports, Supports 8 devices, Optional network switch required, NMEA interface: 3 inputs (configurable baud rate), 2 outputs, NMEA 0183 Input: GLL, GGA, GLC, GTD, VTG, BWC, BWR, RMA, RMB, RMC, XTE, VHWP, HDG, HDM, HDT, DBT, DPT, APB, VLW, MWV, WPL, RTE, DSC and ZDA. Selectable to 4800, 4800 Navtex, 9600 Navtex or 38,400 AIS, NMEA Output - User selectable: APB, BWC, BWR, DBT, DPT, GGA, GLL, MTW, RMA, RMB, RMC, RSD, TTM, VLW, VHWP, VTG, WPL, VHF/DSC and ZDA, Sea talk Interface: 1 port, Sea Talk Input: Depth, SOG, COG, Position, Waypoint Number, Range/Bearing, TTG, Boat Speed, Time, XTE, Heading, Wind, Data, Log/Trip, Pilot Status, Temperature, MOB and Cursor Position, Sea Talk Output: Cursor Data, Guard Zone and Navigational Data bridged from NMEA, SeaTalk2/NMEA2000: 1 port, Video Input: Composite Video (NTSC or PAL) Input (BNC</p>	26 EA		

	<p>connector).</p> <p>GPS: Type Internal High Sensitivity Receiver, Channels: 12, Frequency: 1.575GHz (L1), Sensitivity: -159dBm (tracking), -142dBm (acquisition), SBAS Support: WAAS / EGNOS Compatible, Horizontal Position Accuracy: <=15 meters 95% typical (without SA), <= 5metres 95% with WAAS/EGNOS, Speed Accuracy: <=0.3kts, Antenna: Helical antenna for even sensitivity across all orientations.</p> <p>Chart plotter: Cartography: Embedded Navionics Cartography: Latin America, Asia, Oceania; Compatible with Navionics Charts on Compact Flash cards, Cartography: Embedded Navionics Cartography: Latin America, Asia, Oceania; Compatible with Navionics Charts on CompactFlash cards, Waypoints: 3000 waypoints entered via cursor, lat/lon, range and bearing from present position or at boat's position, 16 character name can be assigned, Waypoint symbols and groups, Additional storage available on Compact Flash cards, Waypoint Transfer: Waypoints database via NMEA and Compact Flash cards. Software also available to convert waypoints to Excel file, Man Overboard (MOB Mode): Mark placed with course line; readout shows range, bearing, lat/lon of MOB and time elapsed since MOB, Presentation Modes: Head up, Course up or North up (selectable True or Mag-netic) Relative, Auto range or True Motion Screen offset Radar or 3D synchronization, Routes: A route plan may contain up to 50 waypoints, Up to 150 routes can be stored in the units internal memory, Additional storage available on Compact Flash cards, Smart Route to create a route from track history, Track History: 15 tracks with up to 3000 points in each can be stored in the units internal memory, Track optimization reduces number of points used or user selectable time or distance interval, Additional storage available on Compact Flash cards, Radar/Chart Overlay: Radar image can be overlaid on all screen charts, Radar/Chart Synchronization: To synchronize radar range and chart scale, 3D/Chart Synchronization: To synchronize 3D and 2D chart scales and orientation, Aerial Overlay: Overlay of aerial photography on the chart, AIS Overlay: Switch AIS symbols on/off. Display heading/speed vectors and ROT. View detailed AIS data, safety critical target data, and ALR and SRM messages. Set up a safe zone, Navigation Information: Own boats position in lat/lon, XTE, TTG and SOG/COG selectable. Bearing and distance to waypoint. Bearing and distance to cursor and ETA, 3D Presentation Modes: Active motion mode, planning mode, Adjust rotation and pitch, port, starboard, forward and aft view, multiple views, Vessel offset, 3D Display: Declutter, Transducer cone, Depth scale, Waypoint name, Adjust exaggeration, 3D view locator.</p> <p>Fishfinder: Transducer: Transom-mount, in-hull or thru-hull options, Digital Sounder Modules: Compatible with the DSM30 and DSM300, Receiver Type: Patented Raymarine HD Digital receiver technology, Power Output: Dependant on Digital</p>			
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	<p>Sounder Module, Frequency: Dependant on Digital Sounder Module, Alarms: Fish Alarm, Fish Depth Alarm, Shallow and Deep Fish Limit, A-Scope Display: Displays Sonar Returns in real time, Bottom Coverage Display: Shows the diameter of the transducer beam where it meets the bottom, Bottom Lock: Displays echoes directly above the bottom, Range Markers: Easily see how far the boat is from a target on the echo sounder screen, Target Detection: Sonar fish echo with target depth readout, Zoom: 2, 3, 4x and user programmable Zoom Scales.</p> <p>Radar: Radar Support: Support for all Digital, HD Digital & Super HD Digital Radars, and Image Type: Color Radar Support (HD & SHD Radars Only), Range Scales (Range Rings): 1/8 (1/16) nm to 72 (12) nm dependant on scanner. Performance limited by scanner type and position, Range Ring Accuracy: Better than +/- 1.5% of the max. Range scale in use, or 22m (72 ft.), whichever is the greatest, Bearing Accuracy: +/- 1°, Variable Range Markers: 2 x VRM's, readout nm, sm, km. Electronic Bearing Lines: 2 x EBL's, floating if required, resolution 1°, Bearing Scale: 360° graduated at 10° intervals 2° small ticks 10° large ticks, Minimum Range: 23m (25 yds), Range Discrimination: 23m (25 yds), Presentation Modes: Head up, Course up or North up (selectable True or Mag-netic) Relative or True Motion, Scanner Control: Interference rejection, standby/transmit modes, pulse selection, Tune, Rain, FTC and Sea controls, with selection of manual or automatic control of gain, sea clutter and tune (Auto GST), Compass Input: NMEA 0183 (required for fast heading data, suitable for MARPA), or SeaTalk, Waypoint Display: Create waypoints and target waypoint displayed with User control of symbols and groups, MARPA: Manual acquisition of up to 25 targets (dependent upon scanner type), automatic tracking, dangerous target alarms, safe zone, target history, true or relative vectors, CPA graphics and indication of target speed/ course, bearing/ range, CPA and TCPA, Guard Zone Alarm: 2 guard zones, selectable sensitivity level, audible alarm, Automatic Tuning: Auto control of gain, sea clutter and tune, Off Center Function: In Relative Motion, 1/3 or 2/3, Wakes: 10s, 30s, 1 min, 5 min & 10 min options, Target Expansion: Operator selectable with 2 levels available, Timed TX: Rotation periods: 10, 20 or 30 scans Repetition periods: 3, 5, 10 or 15 minutes, AIS Overlay: Switch AIS symbols on/off. Display heading/speed vectors and ROT. View detailed AIS data, safety critical target data, ALR and SRM messages. Set up a safe zone.</p> <p>Instrument and Engine Data: Data Pages: 5 pages available. Pre-defined (Navigation, Waypoint, Route, Fishing or Sailing) or user-configured, Data Available: Vessel position, active waypoint, TTG, VMG - Waypoint, depth, COG, SOG, heading, speed, set/drift, trip, log, ground log, ground trip, rudder, local time and date, sea temperature, app wind, true wind, VMG wind, ground wind XTE, compass, locked heading, Engine Pages: 5 pages available, Pre-defined (engine, engine and fuel, fuel resources, engine and resources, twin engines or triple</p>			
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	<p>engine support) or user-configured, Engine Data: Tacho, boost pressure, alternator, oil pressure, coolant temperature, engine hours, fuel level (tanks 1 & 2), fuel rate, total fuel, load.</p> <p>AIS: AIS Support: For class B AIS, Supports silent mode, Target Symbols: Sleeping, activated, selected, dangerous and lost, Target Information: AIS vectors, buddy tracking, safety critical data and full AIS data, Collision Avoidance: Safe zones and safety messages, Alarms: Local alarm messages, lost targets.</p> <p>NAVTEX: Alerts: Incoming message (selectable categories), Message List: Sorting.</p> <p>Weather: Type: SIRIUS Marine Weather, Weather Elements: Storm cast, waves, Canadian radar, lightning, wind, sea surface temperature, observations stations, city weather, NOWRad, storm tracks, surface pressure, Animated Weather Graphics: Weather forecast, weather radar history, Weather Reports: Tropical statements, marine warnings, marine zone forecasts, marine matchbox.</p> <p>General: Storage Temperature: -4°F to 149°F (-20°C to +65°C) ambient air at 95% RH.</p>			
3	<p>Seaflir III – Flir or Equivalent</p> <p>Thermal Imager: Sensor type: 320 x 240 InSb focal plane array (640x480 option), Wavelength: 3-5 μm response, FOVs: 21.7° to 1.2° (w/1.8x optical extender) Zoom range: 25 mm to 450 mm (w/1.8x optical extender).</p> <p>Color CCD-TV Camera: Format: NTSC or PAL, Type: Super HAD CCD, ¼” Format, FOVs: 48° to 1.2°, Sensitivity: 0.7 Lux @ F1.4.</p> <p>Laser Payloads: Rangefinder Type Erbium-glass, 1.54 μm, Max. range 20 km +/-5 m, Classification Class 1 (eyesafe), Pointer: Wavelength 830 nm, Power 135 mW, Classification Class IIIb.</p> <p>Stabilized Gimbal Assembly (SGA): System type: 2-axis stabilization, Az. Coverage: 360° continuous, El. Coverage: 360° continuous, Slew Rate: 0° to 140°/sec.</p> <p>System Interfaces: Analog video: NTSC or PAL, Digital video: Yes, Control: Ergonomic Laptop or Hand-held, Data: RS-232, RS-422.</p> <p>Environmental: Standards: MIL-STD-810 & RTCA DO-160D, Operating temperature: -40°C to +55°C.</p> <p>Power Requirements: Voltage: 18-32 VDC.</p> <p>Dimensions & Weight: SGA Size: 9.0” x 13.8” (22.9 cm x 35.0 cm), Weight: 32 lbs (14.5 kg).</p>	26 EA		

	<p>Other Options & Accessories: Target Geo-Location, Navigation/Radar/Moving Map/Searchlight Interfaces, Mounts, Monitors, Recorders, Power Supplies, Training and Installation Support.</p>			
4	<p>GPS – Raytamarine or Equivalent</p> <p>Power: Nominal voltage (volts DC): 12V, 24V systems, Absolute voltage range (volts DC): 9 - 32 volts (NMEA configuration) 9 - 18 volts (SeaTalk configuration), Power consumption (typical) watts: 1.2W.</p> <p>Physical: Overall dimensions (DxH) mm: diameter 95x30, Product weight kg (lbs): 0.13 (0.29), Mounting methods: flush/pole/rail, Pole mount thread: 1" x 14 TPI, This is the standard thread found on VHF radio antenna mounts and extension poles, Cable length: 10m (33').</p> <p>Data Interfacing: Protocols supported: Either NMEA 0183 or SeaTalk, User configured during installation.</p> <p>Approvals: EMC Approved: Yes, Europe and FCC, CE Marked: Yes.</p> <p>Environmental: Operating temperature range: -10°C to +70°C, Non-operating temperature range: -20°C to +70°C, Humidity: up to 95%, Waterproofing standard: CFR46.</p> <p>Features: Type: Active antenna, Signal acquisition: 12ch. parallel (C/A code), Satellite differential type: WAAS/EGNOS/MSAS, Differential acquisition: automatic (satellite), Beacon differential ready: with RTCM input, Position accuracy (RMS): <15m., Position accuracy with SDGPS (RMS): <5m, Speed accuracy (RMS): <0.3kts, Time to first fix from cold start (typical) : <2.5min (<45sec), Time to first fix (after initial cold start): typically <8 seconds, Geodetic datum: WGS84 (190 programmable alternatives).</p> <p>NMEA Sentences Supported: Input Sentences: PRAYI, PRAYE, PRAYA, Output Sentences: GPGGA, GPGSA, GPGSV, GPGLL, GPRMC, GPDTM, GPGNS, GPVTG, PRAYA, Version: NMEA 0183 Version 2.3.</p>	24 EA		
5	<p>Digital Sounder Module DSM300G – Raytamarine or Equivalent.</p> <p>Power: Nominal voltage (volts DC): 12V and 24V systems, Absolute voltage range (volts DC): 10.7 – 32 volts, Power consumption (typical) watts: 30W.</p> <p>Physical: Dimensions (WxHxD) mm: 273x62x187, Product weight kg (lbs): 1.0 (2.2), Mounting methods: 4 keyhole mounting tabs.</p>	24 EA		

	<p>Connections: Power: Yes, twist-lock 3-pin, Transducer: Yes, twist-lock multi-pin for depth, speed, water temperature, SeaTalk hs: RJ45 for E-Series and G-Series. hsb2: 4-pin for C-Series and Pathfinder Plus.</p> <p>Environmental: Operating temperature range: -10°C to +50°C, Non-operating temperature range: -20°C to +70°C, Humidity: up to 95% at 35°C non-condensing, Waterproofing standard: CFR46 and IPX6.</p> <p>Key Features: Nominal output power: 1000 or 600 watts (depends on transducer type), High Performance Transducer Required for 1Kw output, The DSM300 automatically adjusts output power for 600 watt and 1Kw transducers, Frequency: dual 50kHz/200kHz, Pulse length: 100 µsec to 4 msec, Max. transmit rate: 1580 pulses/min @ 15m (50') range, Gain: auto/manual, Range scales: 26 scales (2 to 1700m), Range control: auto/manual/range with shift, Zoom size: auto/manual x2, x3, x4, xR (user selectable), A Scope: 3 modes, Displays sonar returns in real time, Bottom coverage display shows the diameter of the transducer beam where it meets the bottom, Bottom lock: full/split (adjust range), White line: Yes, Background color options: classic/blue, classic/black, classic/white, sunburst, greyscale, inverted greyscale, copper, night vision, Scroll speed: auto/manual (10-100%), Variable range marker: Yes, Alarms: fish/shallow/deep, Depth ID: Yes.</p>			
6	<p>Receiver Module AIS 250 – Raytamarine or Equivalent</p> <p>AIS Data Rate: 9600 BpS, AIS Receiver Type: Dual Channel (multiplexed), Antenna Impedance: 50 Ohm, Channel Spacing: 25 kHz, Data Format: NMEA 0183, Dimensions: 6.69”H x 9.33”W x 2.16”D (170 mm x 237 mm x 55mm), NMEA 0183 Baud Rate: 38,400/4800 Baud, NMEA 0183 Sentence: VDM, Operating Frequencies: 161.975 and 162.025 MHz (multiplexed), Operating Temperature: 14° to 131° F (-10° to 55° C), Power: DC 10.8~32V @ <200mA (12 or 24 Volt Systems), Sensitivity: <-109dBm (receiver only), Storage Temperature: -4 to 167° F (-20° to 75° C), Warranty: 2 years parts, 2 year labor, Weight: 1.2 lbs (.54Kg).</p>	24 EA		
7	<p>Gyroplus II – Raytamarine or Equivalent</p> <p>The Gyroplus II external rate gyro processor is the perfect choice for upgrading non-gyro equipped SmartPilot core packs to benefit from Raymarine’s exclusive AST technology. Gyroplus II can also be utilized in specialty installations where a “G” type autopilot core pack could not normally be mounted due to vibration or mounting angle constraints. The Gyroplus II module contains the same solid-state rate gyro processor that is built into the S1G, S2G, S3G, 150G and 400G corepacks. A simple connection from Gyroplus II to the SmartPilot corepack is all that is required to unlock features like AutoLearn calibration, AST steering algorithms, and 10 Hz fast heading output.</p>	24 EA		

8	<p>P79 Transducer - Airmar or Equivalent</p> <p>The P79 in-hull transducer easily adjusts to hull dead rise angles up to 22 °. This ensures that the beam is vertically oriented to receive echo, resulting in accurate depth readings. Unlike traditional "puck" type transducers, our P79 consists of a base that is bonded to the hull and filled with liquid. The separate transducer then attaches to the base with a twist lock. The sound waves travel more efficiently through the liquid, giving the best possible performance</p>	24 EA		
9	<p>High Speed Network Switch E55058 – Raytamarine or Equivalent</p> <p>The HS Sea Talk network switch is designed for networking 2 or more devices, with the ability to connect up to 8 instruments. Sea Talk HS is an Ethernet-based network designed for data sharing. Auto-sensing capabilities deliver full duplex network switching at 100 megabits per second, ensuring fast and reliable on-board networking.</p>	24 EA		
10	<p>Epirb – ACR Electronics or Equivalent</p> <p>Product Number 2846.0 Category I Class 2, 2848.0 Category II Class 2, Model Number RLB-36, Size (no antenna) 7.0 X 4.2 X 3.6” (17.7 X 10.7 X 9.1 cm), Weight 20.5 oz (581 g), Battery Class 2 (non-hazmat) lithium batteries, Replacement due six (6) years from date, of manufacture or five (5) years after, beacon is placed into service, whichever, is first, or after emergency use, Material High impact UV resistant polymer, Deployment Category I-Hydrostatic release (auto), Category II-Manual release, Activation Out of bracket and wet, or manually, Waterproof 33 ft (10 m) @ 10 min., Exceeds RTCM standard, Radiated Power 5 W +/-2dB (406.037 MHz), 50 mW +/-3dB (121.5 MHz), Operational Life 48 Hours minimum @ -4°F (-20°C), Typical 65+ hrs. @ -4°F (-20°C), Longer in higher ambient temperature, Operating Temp. -4°F to +131°F (-20°C to +55°C) (Class 2), Storage Temp. -30°F to + 158°F (-34°C to +70°C), Accessories SeaShelter™3 (P/N 9501), LowPro™3 (P/N 9502), Cat I HydroFix™ HRU (P/N 9490), Approvals Cospas-Sarsat, FCC, MED, IC, Acceptances: USCG, Meets: GMDSS, RTCM, IEC, and IMO, standards, Limited Warranty 5 years.</p>	24 EA		

AVAILABILITY OF FUNDS
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Funds are not presently available for this acquisition. No contract award will be made until appropriated funds are made available.