

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER WF7LKT03640402		PAGE 1 OF 26				
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER W913FT-11-R-0019		6. SOLICITATION ISSUE DATE 06-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 10:00 AM 27 Apr 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)		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			CODE		18a. PAYMENT WILL BE MADE BY					CODE
TEL.			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		
<b>SEE SCHEDULE</b>										
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>1</u> COPIES <input checked="" 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><b>SEE SCHEDULE</b></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	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
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
------------------------	------------------------	-------------

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	Communication Equipment FFP Communication Equipment as stated in Exhibit A.	1	Lot		

**PRICES SHALL INCLUDE DOOR TO DOOR SHIPPING TO BOGOTA – COLOMBIA.**

**Any required customs clearance shall be the responsibility of the contractor.**

PURCHASE REQUEST NUMBER: WF7LKT03640402

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**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
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

**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
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****AVAILABILITY OF FUNDS**

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

**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](mailto:mateusr@tcsc.southcom.mil)

[mateus.rosalba2@us.army.mil](mailto:mateus.rosalba2@us.army.mil)

Commercial: 011-571-383-2552

Alternate:

Annabelle F. Miller

[annabelle.miller@tcsc.southcom.mil](mailto:annabelle.miller@tcsc.southcom.mil)

[annabelle.miller@us.army.mil](mailto: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 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/equipments, 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

**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. The following factors shall be used to evaluate offers:

**1. Technical Acceptability**

i. This solicitation includes requirements for the required items 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 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 stated in the solicitation. Contractor shall price all line items.. 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.

Award will be made to the lowest priced technically acceptable 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)

**52.247-27 CONTRACT NOT AFFECTED BY ORAL AGREEMENT (APR 1984)**

No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this contract. All modifications to the contract must be made in writing by the Contracting Officer or an authorized representative.

(End of clause)

**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](http://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](http://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)

#### **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/ 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:mateusr@tcsc.southcom.mil)
- 2) Oficina de Pago: Forma DD 250 Reporte de Recibo a:  
Tatiana Suarez Email: [Tatiana.suarez.co@tcsc.southcom.mil](mailto:Tatiana.suarez.co@tcsc.southcom.mil)

**W913FT-11-R-0019**

**EXHIBIT A**

**MIDNIGHT COMMUNICATION EQUIPMENT**

ITEM	DESCRIPTION	QTY
1	<p><b>VHF-FM Marino IC-M422 – Icom or Equivalent</b></p> <p><b>Specifications:</b>            Frequency range Tx 156.025-157.425 MHz            Rx 156.050 - 163.275 MHz            Usable channels: USA, INT, CAN, WX channels            Type of emission: 16K0G3E (FM), 16K0G2B (DSC)            Power supply requirement: 13.8V DC ±15%            Current drain (at 13.8V DC)            Tx 5.5A (at 25W output)            Rx 1.5A (at AF max.)            Operating temp. range: -20°C to +60°C, -4°F to +140°F            Antenna impedance: 50Ω (SO-239)            Dimensions 164(W) × 78(H) × 139.3(D) mm            (Projections not included) 615/32(W) × 31/16(H) × 515/32(D)in, Weight (approx.): 1070g; 2.4lb, NMEA            In/out formats: RMC, CGA, GNS, GLL</p> <p><b>Transmitter</b>            Output power: 25W, 1W (at 13.8V DC)            Modulation system: Variable reactance freq. mod.            Max. freq. deviation: ± 5.0 kHz            Frequency error: ± 10.0ppm (-20°C to +60°C)            Spurious emissions: Less than -70dBc            Residual modulation: More than 40dB            Adjacent Ch. Power: More than 70dB            Audio frequency response: +1dB to -3dB of 6dB octave from 300 Hz to 2500 Hz</p> <p><b>Receiver</b></p>	29 EA

	<p>Intermediate freq.: 1st 21.7 MHz, 2nd 450 kHz  Sensitivity: 0.22<math>\mu</math>V typical at 12dB SINAD  Squelch sensitivity: Less than 0.22<math>\mu</math>V  Adjacent Ch. Selectivity: More than 70dB  Spurious response: More than 70dB  Intermodulation: More than 70dB  Hum and noise ratio: More than 40dB  Audio output power: 4.5W typical at 10% distortion with a 4<math>\Omega</math> load , Audio frequency response: +1dB to -3dB of 6dB octave from 300Hz to 2500 Hz.</p>	
2	<p><b>IC-A110 VHF Air Band Transceiver – Icom or Equivalent</b></p> <p><b>Specifications:</b>  Frequency range: 118.000 - 136.975 MHz  Channel spacing (according to version): 8.33/25 kHz auto selection or 25 kHz only  Mode: 6K00A3E (AM)  No. of memory Ch.: 20  Antenna connector: SO-239 (50<math>\Omega</math>)  Power supply requirement (negative ground): 13.75 V DC or 27.5 V DC automatic selections  Current drain (at 13.75 V DC)  Transmitting: 5.0A max.  Receiving: 4.0A (at AF max.) 0.5A (at stand-by)  Operating temperature range: -30<math>^{\circ}</math>C to +60<math>^{\circ}</math>C;  -22<math>^{\circ}</math>F to +140<math>^{\circ}</math>F  Frequency stability: <math>\pm</math>5 ppm (-30<math>^{\circ}</math>C to +60<math>^{\circ}</math>C)  Dimensions (projections not incl.): 150(W) <math>\times</math> 50(H) <math>\times</math> 180(D) mm 529/32(W) <math>\times</math> 131/32(H) <math>\times</math> 73/32(D) in  Weight (approx.): 1.5 kg; 3 lb 5 oz</p> <p><b>Transmitter</b>  Output power: 36 W typ. pep (9 W typ. for CW)  Modulation limiting: 70 - 100% (IC-A110)  Modulation compression: Linear 85% Max. 95%  AF harmonic distortion: Less than 10% (at max. mod.)  Hum and Noise ratio: More than 40 dB  Spurious emissions: Less than -16 dBm  Adjacent Ch. power*: Less than 60 dB (25 kHz)  Less than 50 dB (8.33 kHz)  Microphone connector: 8-pin modulator (600<math>\Omega</math>)</p> <p><b>Receiver</b>  Receiving system: Double conversion superheterodyne  Intermediate freq.: 1st 38.85 MHz, 2nd 450 kHz  Sensitivity (pd): Less than 1 <math>\mu</math>V (at 6 dB S/N)  Squelch sensitivity (pd; at threshold): Less than 0.3 <math>\mu</math>V  Selectivity 25 kHz Ch. Spacing More than <math>\pm</math>8 kHz (at -6 dB), Less than <math>\pm</math>17 kHz (at -40 dB), Less than <math>\pm</math>25 kHz (at -60 dB), 8.33 kHz Ch. Spacing, More than <math>\pm</math>2.778 kHz (at -6 dB), Less than <math>\pm</math>7.37 kHz (at -60 dB)  Spurious response: More than 74 dB<math>\mu</math>  Intermodulation Rejection ratio*: More than 64 dB  Blocking/desensitisation*: More than 70 dB  Cross modulation: Rejection* More than 70 dB  Audio output power (at 13.75 V; 10% dist.; 60% mod.), Internal speaker 1.5 W typical w/8<math>\Omega</math> load, External Speaker More than 10.0 W w/8<math>\Omega</math> load, Headset (side tone) More than 0.1 W w/500<math>\Omega</math> load, AF output impedance, EXT SP 8<math>\Omega</math>, Headset (side tone) 500<math>\Omega</math></p>	29 EA

3	<p><b>Micom 3T HF-SSB Transceiver – Motorola or Equivalent</b></p> <p><b>Specifications</b>  Frequency Range: 1.6-30 MHz  Number of Channels: 200  Transmission: 125 Watt PEP average  Reception: 100 kHz-30 MHz Rx  Operating Voltage: 13.8 V <math>\pm</math>20%; 24 V operation (option)  Bandwidth:  Audio: 350 to 2700 Hz  Data: 300 to 3300 Hz  Frequency Stability: 0.6 PPM (0.1 PPM optional)  Frequency Resolution: 10 Hz  Operating Temperature Range: <math>-30^{\circ}\text{C}</math> to <math>+60^{\circ}\text{C}</math> / <math>-22^{\circ}\text{F}</math> to <math>+140^{\circ}\text{F}</math>  Humidity: 95% @ <math>50^{\circ}\text{C}</math> / <math>122^{\circ}\text{F}</math>  Sensitivity (SINAD): SSB: 0.3 <math>\mu\text{V}</math> for 10 dB SINAD  Dimensions      Control Head  Height            92 mm / 3.7 inches 60 mm / 2.36 inches  Width            302 mm / 11.9 inches 187 mm / 7.36  Depth            270 mm / 10.7 inches 70 mm / 2.75  Weight            5.7 Kg / 12.5 lbs 0.32 Kg / 0.71 lbs</p> <p><b>Options</b>  PC control and programming software package, USB for external keyboard, Micom Link interface, ALE DTM/DBM  Interface for secure voice device VP116</p>	29 EA
4	<p><b>Marine Intercom System 9800 – David Clark or Equivalent</b></p> <p>The Series 9800 is a rugged, water-tight intercom system that provides clear intercom and radio communication solutions for the high-noise environments of the “go fast” and high performance racing as well as recreational and work boats.</p> <p>The system includes features such as: Accommodates up to six crew members on intercom, Full duplex voice activated intercom communication, Ability to connect two radios with split audio capability (left ear Radio 1, right ear Radio 2 receive) and is compatible with most marine, mobile, VHF and UHF band radios, Expandable to five radios with optional Multi-Radio Interface Module, AUX-IN connection for stereo music input. Automatic mute during Radio 1 or Radio 2 transmit/receive, Power input range 11-30 VDC, Corrosion-resistant, weather tight shielded enclosure for increased durability, Cell phone adapters.</p>	30 EA
5	<p><b>The Mariner Antenna Series 4400 – Shakespeare or Equivalent</b></p> <p>Shakespeare's newest line of VHF antennas brings you the best performance at the most affordable cost. The Mariner 4400 is designed for small powerboats that require a rugged antenna. Stainless whip and a base loading coil for exceptional performance. Wide 3dB radiation pattern allows boats to pitch and roll without having transmissions get clipped. Mounts on standard 1” x 14 antenna mounts, so you can use it on tubular T-Tops with a clamp-on rail mount, or on hard T-Tops using a ratchet mount.</p> <p>Includes 15’ of coax and a PL-259 coax connector. Coax exits through base of antenna for extra clean installations.</p> <p>Note: while this is very similar to the Shakespeare Mariner 4200, this is not for sailboats due to the short</p>	30 EA

	<p>coax length and heavier base.</p> <p>Application: Marine VHF Gain: 3dB Length: 3' Material: Stainless-steel whip Elements: Base loaded Base Type: Mirror-finished stainless steel ferrule with 1" 14-thread Lead: 15' RG-58 A/U, PL-259 Warranty: Five years</p>	
6	<p><b>DSP-9000 Safety Equipment Voice – Technical Communications Corporation TCC or Equivalent.</b></p> <p><b>Specifications:</b> All DSP 9000 UNITS: Encryption: TCC proprietary Enhanced Domain Transform (EDT), controlled by a non-linear Key Stream Generator, CRYPTO Key Variables: System key: 8.39 x 1079, Network key: 6.55 x 104, Local key: 7.2 x 1016, Total keys: 4.0 x 10101, Synchronization: In band digitally controlled, FSK sync burst (74 bits), Frequency Control: High-stability crystal oscillator, Frequency Offset: ±120 Hz maximum for HF-SSB, Audio Interface: 'Soft' Selectable Interface Characteristics, Audio Bandwidth: Voice Mode: 300 Hz to 2800 Hz, Data Mode: 300 Hz to 3000 Hz, Required Channel Bandwidth: 500 Hz to 2400 Hz Minimum, Diagnostics: BITE run at power on and on demand from keypad, Humidity: 120 hours, 95% non-condensing, MIL-STD-810C, Method 507, EMI: MIL-STD-461B, Class A3, MTBF: Exceeds 10,000 hours, per MIL-HDBK-217F &amp; MIL-STD-756, Options and Accessories: Crypto Management System Smart Module™ key fill device, DSP 9000 (Base) Key Storage: 800 Local Keys stored in two key banks containing 400 keys, Key Loading: Smart Module™ or KFD-800 key fill devices, or keypad entry, Bi-Directional Operation: Half duplex and Full duplex models, Size and Weight: Height: 2.25" (5.7 cm), Width: 8.25" (21 cm), Depth: 11.0" (28 cm) Weight: 5.7 lbs (2.6kg) half duplex; 6.8 lbs (3.1kg) full duplex Power: DC Voltage: +9 to +32 VDC 1 watt (typical), Audio Interface: H-189/HC-250 handset, 4 wire/600 ohm, MIC/Speaker, Telephone direct wired, Push to Talk, Signal: Contact closure to ground or to positive supply (+32 V max), Diagnostics: Full range of BITE including: CPU, RAM, ROM, DSP, analog test, audio loop, keypad, key fill, key storage and display, Environmental: Temperature Operating: -20° C to +70° C, Storage: -40° C to +85° C, Vibration: 1.5G peak, 55-220 Hz, MIL-STD-810C, Method 514, Shock: 40Gs @ 11ms, MIL-STD-810C, Method 516, Options and Accessories: TCC Secure Phone KFD-800 key fill device, Remote Control Unit, 19 inch rack mount, single/dual, Aircraft Mounting Tray (with or without shock mounts), Shock mount assembly, Automatic Test Equipment, DSP 9000 HANDSET Key Storage: 200 Local Keys stored in two key banks containing 100 keys, Key Loading: Smart Module™ key fill device, or keypad entry, Operation: Half duplex / PTT Sync (only). Size and Weight: Height: 9" (23 cm), Width: 2" (5.1 cm), Depth: 4" (10.2 cm), Weight: 2.0 lbs (.9kg), Power Requirements: Externally supplied, 9 - 36 VDC, 1 watt (typical), Audio Interface: 6-pin MIL-C-55116 connector, Aux connectors with DC power, Others available on request, Push to Talk Signal: Contact closure to ground. Environmental: Temperature: Operating: -20°C to +60°C, Storage: -40°C to +85°C, Waterproof: Submersible to 1 meter, Vibration: 1 Grams, 5-200 Hz random curve, MIL-STD-810D, Method 514.3, Shock: 100 G's at 11 ms, MIL-STD-810D, Method 516.3.</p>	28 EA
7	<p><b>AH-4 HF+50 MHz Automatic Antenna Turner – Icom or Equivalent.</b></p> <p><b>Specifications:</b> Frequency range: 3.5–54 MHz (with an antenna longer than 7 m; 23 ft), 7–54 MHz (with the AH-2b), Maximum input power: 120 W, Input impedance: 50 Ω, Tuning power required: 10 W (5–15 W), Rated voltage: 13.8 V DC ±15% (current drain less than 1 A), Usable temperature range: -10°C to +60°C (+14°F to +140°F), VSWR: 2.0: 1 or less (except antennas a half wave or multiple of a half wave in length), Weight: 1.2 kg (2.65 lb), Dimensions: 172(W) × 69.5(H) × 230(D) mm; 625/32(W) × 63/4(H) × 91/16(D) in.</p>	29 EA

8	<p><b>AH-2B Icom Antenna Element and Base – Icom or Equivalent.</b></p> <p><b>Specifications:</b>  Bumper mount HF mobile antenna, 8.2 feet (2.5 m) tall.  HF mobile antenna, whip type, complete with base and spring, Features a stainless steel spring, Output Power Up to 200 Watts PEP, Frequency Range 3.5 to 28 MHz (when used with antenna tuner), For mobile operation with the AT-140 or AT-130/E, All bands between 7-30MHz can be matched.</p> <p><b>Includes:</b> Antenna Base (1), Antenna Element, 2.5m (1), Antenna Base Bracket (1), Hex Bolt M16x50 (2), Hex Bolt M6x50 (2), L Angle Bracket (1), Hex Bolt M8x15 (4), Tow Hook Bracket (1), Antenna Feeder Cable 90cm (1), Cable Lock (1), Waterproof Cap (1), Allen Key Wrench (1)</p> <p><b>Radio Compatibility:</b> IC-F7000, IC-78, IC-756PRO II, III, IC-7400, IC-706MKIIG, IC-718, IC-703 .</p>	29 EA
9	<p><b>9505A Satellite Phone – Iridium or Equivalent</b></p> <p><b>Specifications:</b>  Dimensions: 158 L x 62 W x 59 D mm, Volume: Under 375 cc (22.9 ci), Weight: Under 375 g (13.2 oz)</p> <p><b>Battery Life:</b> Provides up to 30 hours of standby time  Provides up to 3.6 hours of talk time.</p> <p><b>Talk Time Features:</b> Provides up to 30 hours of standby time, Provides up to 3.6 hours of talk time.</p> <p><b>Display:</b> 4 x 16 character illuminated graphic display  User-controlled illuminated display.</p> <p><b>Calling Features:</b> Call barring, Call forwarding – unconditional, mobile subscriber busy, subscriber not reachable, Clear last digit/clear all digits, Fixed Dialing  International access key sequence (+ key).</p>	28 EA