



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
DPS1114

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
TARA LYLE 304-558-2544

VENDOR

RFQ COPY  
 TYPE NAME / ADDRESS HERE

Teltronic Of Balimore, Inc.  
 Attn: Gerry Janson  
 7051-E Muirkird Meadow Drive  
 Beltsville, MD 20705

SHIP TO

WEST VIRGINIA STATE POLICE  
 4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/06/2011				

BID OPENING DATE: 02/01/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	10	EA		725-74		
TWO-WAY MOBILE SATELLITE RADIOS						
OPEN-END CONTRACT						
INQUIRIES: WRITTEN QUESTIONS SHALL BE ACCEPTED UNTIL THE CLOSE OF BUSINESS ON 01/18/2011. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER AND E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:  TARA LYLE DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305  FAX: 304-558-4115 E-MAIL: TARA.L.LYLE@WV.GOV						
EXHIBIT 3						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AWARD AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE						

**RECEIVED**

2011 FEB -1 A 9:51

PURCHASING DIVISION  
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Gerry Janson</i>	TELEPHONE 301-575-3947	DATE 1-28-2011
TITLE Chief of Special Accts MGR	FERN 52-074-1734	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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RFQ NUMBER  
**DPS1114**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**TARA LYLE**  
**304-558-2544**

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

**TELTRONIC, INC**  
**ANN GERRY JANSON**  
**7051 - E MAIRKIRK MEADOWS DR.**  
**BELTSVILLE, MD 20705**

SHIP TO

**WEST VIRGINIA STATE POLICE**  
**4124 KANAWHA TURNPIKE**  
**SOUTH CHARLESTON, WV**  
**25309 304-746-2141**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/21/2011				

BID OPENING DATE: **02/01/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
<p>1. QUESTIONS AND ANSWERS ARE ATTACHED.            2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p>						
EXHIBIT 10						
REQUISITION NO.: DPS1114						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 .. ✓ .....						
NO. 2 .....						
NO. 3 .....						
NO. 4 .....						
NO. 5 .....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>A. Gerry Janson</i>	TELEPHONE <b>301 575-3947</b>	DATE <b>1-28-2011</b>
TITLE <b>Govt &amp; Special Accts Mgr</b>	FEIN <b>52-074-1734</b>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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RFQ COPY

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VENDOR

**TELTRONIC, INC**  
**ATTN GERRY JANSON**  
**7051 -E MUIRKIRK MEADOWS DRIVE**  
**BELTSVILLE, MD 20705**

SHIP TO

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<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>Gerry Janson</i>            SIGNATURE</p> <p>COMPANY  <b>TELTRONIC</b></p> <p>DATE <b>1-28-2011</b></p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p>END OF ADDENDUM NO. 1</p>						
0001	10	EA		725-74		
TWO-WAY MOBILE SATELLITE RADIOS						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>Gerry Janson</i>	TELEPHONE <b>301-575-3947</b>	DATE <b>1-28-2011</b>	
TITLE <b>GROUP &amp; SPECIAL AGENTS MGR.</b>	FEDIN <b>52-074-1734</b>	ADDRESS CHANGES TO BE NOTED ABOVE	

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**DPS1114**  
**Addendum No. 1**

- Q1: Please identify the specific types of 3rd party interfaces you plan to use for this application. (JPS ACU1000, Pyramid etc).
- A1: Jps Raytheon ACU's, CISCO IPICS, Wifi routers, Land mobile radios, POTS telephone line, Sat Comm, etc. Also, refer to section 1 of the mandatory specs.
- Q2: Please identify which Manufactures you consider as Major for the interface cables.
- A2: Motorola, or equal.  
Kenwood, or equal.  
EF Johnson, or equal.  
Tait, or equal.  
MaCom, or equal.  
Raytheon, or equal.  
CISCO, or equal.



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 4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141**

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<p>ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE <b>301-575-3947</b>	DATE <b>1-28-2011</b>
TITLE <i>[Signature]</i>	FEIN <b>52-074-1734</b>	ADDRESS CHANGES TO BE NOTED ABOVE

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**WEST VIRGINIA STATE POLICE  
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 SOUTH CHARLESTON, WV  
 25309 304-746-2141**

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<p>THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 05/26/2009</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATION</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE <b>301 575-3947</b>	DATE <b>1-28-2011</b>
TITLE	FEIN <b>52-074-1734</b>	ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

WEST VIRGINIA STATE POLICE

SHIP TO

4124 KANAWHA TURNPIKE  
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 25309 304-746-2141

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<p>IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY AS A CONDITION OF AWARD.</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>H. Lewis</i>	TELEPHONE 301-575-3847	DATE 1-28-2011
TITLE <i>Govt Acct Mgr</i>	FEIN 52-074-1734	ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				CHARLESTON, WV 25305-0130		
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER:-----TL/32----- RFQ. NO.:-----DPS1114----- BID OPENING DATE:-----02/01/2011----- BID OPENING TIME:-----1:30 PM----- PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- CONTACT PERSON (PLEASE PRINT CLEARLY): -----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *H. [Signature]* TELEPHONE **801-575-3947** DATE **1-28-2011**

TITLE *Cost Accts Mgr* FEIN **52-094-1734** ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## TWO-WAY MOBILE SATELLITE RADIO SPECIFICATIONS

### DPS1114

The West Virginia State Police desires to establish an open-end contract for the purchase of two-way mobile satellite radio equipment and related accessories. The contract shall be available for use by the WV State Police and all other entities of state government, as well as counties and municipalities, as this will assist in the State's Interoperable Radio Communications.

Response to this RFQ should be in the same format as this RFQ. The vendor should designate their compliance to each item by selecting "Yes" or "No" as applicable. Vendors shall utilize the attached quotation forms and for listing their costs quoted for each item listed.

This contract will be awarded to one vendor. The award of this contract will be based on the Grand Total for the equipment and all alternates.

		Comply?	
		<u>Yes</u>	<u>No</u>
<b>1.</b>	<b>Satellite Service Provider Requirements:</b> <i>LIGHT SQUARED</i>		
1.1.	Must provide 24/7 manned dispatch (Operator) capabilities.	<u>✓</u>	_____
1.2.	Must provide at least one secure, dedicated talk group per account for exclusive use at no additional charge.	<u>✓</u>	_____
1.3.	Must provide PTT access to National and Regional Satellite Interoperable Satellite Mutual Aid Radio Talkgroups (SMART), or comparable, at no additional charge.	<u>✓</u>	_____
1.4.	Must provide for a monthly dormant fee for units placed in a storage stage.	<u>✓</u>	_____
1.4.1.	This fee will be used instead of the monthly service fee when units are placed in storage and the service provider is notified the unit(s) is being placed in the dormant stage.	<u>✓</u>	_____
1.4.2.	There shall be no limit to the number of times a unit(s) is placed into the dormant stage.	<u>✓</u>	_____

		<b>Comply?</b>	
		<u>Yes</u>	<u>No</u>
1.4.3.	The vendor shall provide to the agency holding said account with written documentation of changes made as soon as possible, documenting the changes made and the name and agency or individual who requested the changes and the cost, if any, for these changes.	<u>✓</u>	<u>    </u>
<b>2. Fixed, Permanently Mounted, Satellite Communications Equipment Configuration:</b>			
2.1. Radio:			
2.1.1.	Shall consist of all items listed in Section 5 (Common Radio Transceiver Unit) of these specifications.	<u>✓</u>	<u>    </u>
2.2. Fixed Power Supply:			
2.2.1.	Shall have 117 / 230 VAC charging capability with a standard length 3-prong (grounded) power cord that is grommet-protected where it penetrates the enclosure.	<u>✓</u>	<u>    </u>
2.2.1.1.	Shall have an on/off power switch that illuminates the color green when in the "on" position.	<u>✓</u>	<u>    </u>
2.2.1.1.1.	This switch shall be located on the interior of the box.	<u>✓</u>	<u>    </u>
2.2.1.2.	The fuses must be inside the box and easily accessed by the user, marked as to their individual purpose, and must be of standard type so they are readily/easily obtained by user at most aftermarket supply centers.	<u>✓</u>	<u>    </u>
2.2.2.	Shall have a minimum backup battery capacity of 7.5 AH, 12 Volt sealed Lead-Acid Rechargeable Battery and installed in such a manner that makes it easy for an end user to change.	<u>✓</u>	<u>    </u>
2.2.2.1.	The battery circuitry shall be designed so that if the battery fails, the box will continue to power uninterrupted from the external power source.	<u>✓</u>	<u>    </u>

		<b>Comply?</b>	
		<u>Yes</u>	<u>No</u>
<b>2.3. Fixed Antenna:</b>			
2.3.1.	All fixed antennas must come with hardware to affix the antenna permanently to users' structures, typically towers, roofs, poles or walls (to be specified at time of equipment order).	<u>✓</u>	<u>      </u>
2.3.1.1.	Fixed antennas must meet a minimum wind / ice rating for 80 MPH in the West Virginia radial icing zone.	<u>✓</u>	<u>      </u>
<b>2.3. Fixed Enclosure:</b>			
2.3.1.	Shall have an antenna connection, with a leashed cap, located on the exterior at the bottom of the box (bottom assumes the bottom orientation of a wall-mounted box).	<u>✓</u>	<u>      </u>
2.3.2.	Shall have access ports with grommets located at the bottom left side and right side for passing the handset cable or CAT5 extension through the box.	<u>✓</u>	<u>      </u>
2.3.2.1.	These access ports in the enclosure must be large enough to easily accommodate passage of a standard RJ45 connector.	<u>✓</u>	<u>      </u>
2.3.3.	At the buyer's request, a ventilation fan and finger grill for the enclosure will be provided. Provisions will be provided for exhaust air brought into the enclosure by the fan when the fan option is requested.	<u>✓</u>	<u>      </u>
2.3.3.1.	Shall have a minimum air exchange of 100 CFM.	<u>✓</u>	<u>      </u>
2.3.4.	Fixed-Case Housing shall be wall-mountable and include all necessary mounting hardware.	<u>✓</u>	<u>      </u>
<b>2.4. Connections to other equipment:</b>			
2.4.1.	Must have interconnectivity to 3rd Party interfaces, in particular LMR (land mobile radios), with a 4-wire, 600 ohm audio interface and able to interface to standard COR and PTT type signaling.	<u>✓</u>	<u>      </u>

		<b>Comply?</b>	
		<u>Yes</u>	<u>No</u>
2.4.2.	The prospective vendor must make available interconnect cables to interface with all major manufacturers' current models of two-way radios and consoles.	<u>✓</u>	<u>      </u>

**3. Portable Satellite Communications Equipment Configuration:**

3.1. Radio:

3.1.1.	Shall consist of all items listed in Section 5 (Common Radio Transceiver Unit) of these specifications.	<u>✓</u>	<u>      </u>
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3.2. Power Supply:

3.2.1.	The unit shall have 117-230 VAC and 12 VDC charging capabilities for internal battery.	<u>✓</u>	<u>      </u>
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3.2.2.	Shall be equipped with a rocker style on/off system switch that illuminates the color green when in the "on" position.	<u>✓</u>	<u>      </u>
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3.2.2.1.1.	This switch shall be located on the interior of the box.	<u>✓</u>	<u>      </u>
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3.2.3.	The system shall operate from either DC or AC power sources, as selected by the user.	<u>✓</u>	<u>      </u>
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3.2.3.1.1.1.	A 117 VAC power supply assembly shall be provided to convert AC to DC.	<u>✓</u>	<u>      </u>
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3.2.3.1.1.2.	The DC input should be capable of operating on 12 VDC.	<u>✓</u>	<u>      </u>
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3.2.3.1.1.3.	The power supply shall automatically switch to backup battery input upon failure of the AC input power.	<u>✓</u>	<u>      </u>
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3.2.4.	Shall be equipped with surge protection and voltage regulation to maintain the system in an "on" status regardless of what is happening with the AC/DC power source.	<u>✓</u>	<u>      </u>
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		Comply?	
		<u>Yes</u>	<u>No</u>
3.2.5.	Shall be equipped with a light that changes color to indicate when the primary power source is either a nominal 117 VAC or 12 VDC power source. This light shall illuminate whenever the unit is powered on.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.6.	Shall be equipped with a minimum capacity of a 7.5 AH gel cell type battery, installed in such a manner to make it easy for an end user to change.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.6.1.	Battery circuitry shall be designed such that if the battery fails, the portable kit will continue to power from either the AC or DC power source.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.7.	The power supply must not derive power from an AC and DC power source at the same time.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.8.	Shall be equipped with two (2) cigarette lighter receptacles with leashed/hinged covers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.	Portable Satellite, Communications Equipment Housing Enclosure:		
3.3.1.	Must have optional external speaker with independent volume control separate from the handset which will not mute the audio on the handset itself.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.1.1.	The standard supplied minimum external speaker cable length shall be at least 10 feet long.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.2.	This external speaker shall have mounting capability within the kit such that the lid may close with the speaker installed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.3.	Shall have warning stickers prominently displayed cautioning the user: "Unit should only be powered on with antenna attached".	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.4.	The interior of the lid shall offer "office features", such as a white board or a plastic envelope which contains paperwork that can be seen through the envelope. The lid may also accommodate a place for yellow self-sticking memo notes or a fully contained clip board next to a white board.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

		<b>Comply?</b>	
		<b><u>Yes</u></b>	<b><u>No</u></b>
3.3.5.	Enclosure design:		
3.3.5.1.	Must be watertight, crush proof and dust proof.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.2.	Must be open cell core with solid wall design – strong yet light weight.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.3.	Must have an Automatic Pressure Equalization Valve.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.4.	Must have an O-ring seal.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.5.	Must have comfortable rubber over-molded handle.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.6.	Must have stainless steel hardware and padlock protectors.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.7.	Must have an Unconditional Lifetime Guarantee of Excellence.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.8.	Must have a minimum operating temperature range of: Minimum -10° F (-23° C) Maximum +210° F (+99° C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.9.	Must have a minimum lid depth of: 1-13/16" (4.6 cm).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.10.	Must have a minimum case depth of: 6-1/16" (15.5 cm).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.11.	Must have a minimum buoyancy of: Floats in salt water with 55 lbs (25 kg) load.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.12.	Must have Approvals: IP 67 ATA Specification 300 Military Standard C-4150J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.3.5.13.	Must have minimum inside dimensions: 21-3/4" x 16-13/16" x 7-7/8" (55.2 cm x 42.7 cm x 20 cm).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

		<b>Comply?</b>	
		<u>Yes</u>	<u>No</u>
3.4.	Portable Satellite, Antenna Systems:		
3.4.1.	Land-use mobile antenna systems must be easily deployed and dismantled.	<u>✓</u>	<u>    </u>
3.4.2.	Must fit securely into the storage case as noted in Section 3.2 of these specifications.	<u>✓</u>	<u>    </u>
3.4.3.	Marine-use mobile antenna systems must be small and easily deployed and dismantled.	<u>✓</u>	<u>    </u>
3.4.4.	All needed antenna cables and mounting paraphernalia shall be included.	<u>✓</u>	<u>    </u>
3.4.4.1.	The standard supplied minimum portable unit antenna cable length shall be 20 feet.	<u>✓</u>	<u>    </u>
3.5.	Portable Satellite, Communications Equipment Connections to other equipment:		
3.5.1.	Must have interconnectivity to 3rd Party interfaces, in particular LMR (land mobile radios), with a 4-wire, 600 ohm audio interface and able to interface to standard COR and PTT type signaling.	<u>✓</u>	<u>    </u>
3.5.2.	The prospective vendor must make available interconnect cables to interface with all major manufacturers' current models of two-way radios and consoles.	<u>✓</u>	<u>    </u>

**4. Mobile Satellite Communications Equipment Configuration**

4.1.	Radio:		
4.1.1.	Shall consist of all items listed in Section 5 (Common Radio Transceiver Unit) of these specifications.	<u>✓</u>	<u>    </u>
4.2.	Shall have a mobile antenna with necessary mounting hardware and cabling.	<u>✓</u>	<u>    </u>
4.2.1.	The standard supplied minimum mobile unit antenna cable length shall be 20 feet.	<u>✓</u>	<u>    </u>
4.3.	Shall have interface wiring and fusing necessary for mobile installation.	<u>✓</u>	<u>    </u>



		Comply?	
		Yes	No
4.4.	Must have interconnectivity to 3rd Party interfaces, in particular LMR (land mobile radios), with a 4-wire, 600 ohm audio interface and able to interface to standard COR and PTT type signaling.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.5.	The prospective vendor must make available interconnect cables to interface with all major manufacturers' current models of two-way radios and consoles.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>5. Common Radio Transceiver Unit:</b>			
5.1.	Handset and keypad on the handset shall be designed to provide local monitoring capability, configuration capability and complete control of the radio.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.1.1.	An internal speaker shall be provided in the handset to allow a user monitor and control capability.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.1.2.	The handset shall be equipped with a Push-To-Talk (PTT) switch, which will allow the keying of cross-connected radio subscriber.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.1.3.	The standard supplied minimum handset cable length shall be at least 4 feet long.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.1.4.	Configuration shall be accomplished via the handset keypad.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.2.	Shall be capable of PTT operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.3.	Required Ports:		
5.3.1.	Must have a handset port (RJ-45).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.3.2.	Must have DB9 serial port for transmitting and receiving data communications at a 4800 baud minimum or function as a GPS port.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.3.3.	Must have external speaker port.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.4.	Must be capable of accepting software upgrades applied in the field.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

		<b>Comply?</b>	
		<u>Yes</u>	<u>No</u>
5.5.	Must be powered by a nominal 12 VDC and have a detachable power connector for ease of removing transceiver.	<u>✓</u>	<u>    </u>
5.5.1.	The standard supplied DC power cable length shall be not less than 10 feet.	<u>✓</u>	<u>    </u>
5.6.	Must operate correctly with a maximum humidity of 98% and a temperature of 100.4°F (38°C).	<u>✓</u>	<u>    </u>
5.7.	Maximum dust resilience in accordance with SAE J1455.	<u>✓</u>	<u>    </u>
<b>6. GENERAL SPECIFICATIONS AND WARRANTY:</b>			
6.1.	Upon request and/or prior to bid award, vendors shall provide manufacturer's certification indicating they are an authorized reseller of the product(s) they are offering/bidding.	<u>✓</u>	<u>    </u>
6.2.	All equipment shall be warranted for a period of at least 1 year, including parts and labor, and beginning when the equipment is shipped.	<u>✓</u>	<u>    </u>
6.3.	All items are to be available for purchase separately and each item is to be individually priced.	<u>✓</u>	<u>    </u>
6.4.	Vendor shall have trained field support in WV.	<u>✓</u>	<u>    </u>

## Two Way Mobile Satellite Radio Equipment Price Quotation Form

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<b>1. Basic Fixed Kit for Building Installation (does not include installation)</b>			
1.1. Housing and internal wiring included.	\$ <u>725.<sup>00</sup></u>	<u>30</u>	\$ <u>21,750</u>
1.2. Basic Transceiver with Handset and cable.	\$ <u>1,750</u>	<u>30</u>	\$ <u>52,500</u>
1.3. Land Antenna.	\$ <u>2,145.<sup>00</sup></u>	<u>30</u>	\$ <u>64,350</u>
1.4. Power Supply.	\$ <u>249.<sup>00</sup></u>	<u>30</u>	\$ <u>7,470</u>
1.5. Antenna Cable (description and price per foot). LMR 460 (100 FT)	\$ <u>2.05 FT</u> (# 2050/100')	<u>30</u>	\$ <u>6,150</u>
<b>Sub Total:</b>			\$ <u>152,220</u>

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<b>2. Fixed Kit for Building Installation with Battery Backup (does not include installation)</b>			
2.1. Housing and internal wiring included.	\$ <u>725.00</u>	<u>30</u>	\$ <u>21,750</u>
2.2. Basic Transceiver with Handset and cable.	\$ <u>1750.00</u>	<u>30</u>	\$ <u>52,500</u>
2.3. Land Antenna.	\$ <u>2,145.00</u>	<u>30</u>	\$ <u>64,350</u>
2.4. Power Supply.	\$ <u>249.00</u>	<u>30</u>	\$ <u>7,470</u>
2.5. Antenna Cable (description & price per foot). LMR 400 (100 FT)	\$ <u>2.05 PER FT.</u> (# 2050/100')	<u>30</u>	\$ <u>6,150</u>
2.6. Backup Battery.	\$ <u>45.00</u>	<u>30</u>	\$ <u>1,350</u>

2.7.	Internal Power Supply/Charger.	<u>\$ INC IN 2.4</u>	<u>30</u>	<u>\$ INC IN 2.4</u>
2.8.	Voltage Regulator/Status Indicator.	<u>\$ INC IN 2.4</u>	<u>30</u>	<u>\$ INC IN 2.4</u>
<b>Sub Total</b>				<u>\$ 153,570</u>

Item		<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
3.	<b>Basic Portable Kit (does not include installation)</b>			
3.1.	Basic Transceiver with Handset and cable.	<u>\$ 1750.00</u>	<u>30</u>	<u>\$ 52,500</u>
3.2.	Land Antenna.	<u>\$ 2145.00</u>	<u>30</u>	<u>\$ 64,350</u>
3.3.	Power and other supplied cables.	<u>\$ INC IN 3.1</u>	<u>30</u>	<u>\$ INC IN 3.1</u>
3.4.	Enclosure (Pelican Case) and internal wiring included.	<u>\$ 1982.00</u>	<u>30</u>	<u>\$ 59,460</u>
3.5.	Transceiver.	<u>\$ 1299.00</u>	<u>30</u>	<u>\$ 38,970</u>
3.6.	Power Supply.	<u>\$ 249.00</u>	<u>30</u>	<u>\$ 7,470</u>
3.7.	Additional Antenna Cable (description and price per foot). LMR 240 (20')	<u>\$ 1.47 per FT</u> (26' FT 2940)	<u>30</u>	<u>\$ 882</u>
<b>Sub Total</b>				<u>\$ 223,632</u>

ALTERNATE BID  
2ND BID

2.7.	Internal Power Supply/Charger.	\$ <u>INC IN 2.4</u>	<u>30</u>	\$ <u>INC IN 2.4</u>
2.8.	Voltage Regulator/Status Indicator.	\$ <u>INC IN 2.4</u>	<u>30</u>	\$ <u>INC IN 2.4</u>
<b>Sub Total</b>				\$ <u>153,570</u>

Item	<i>SKY BASE/SKYCASE GOKIT NEW PRODUCT (SEE ATTACHED)</i>	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
3.	<b>Basic Portable Kit (does not include installation)</b>			
3.1.	Basic Transceiver with Handset and cable.	\$ <u>1750.00</u>	<u>30</u>	\$ <u>52,500</u>
3.2.	Land Antenna.	\$ <u>2145.00</u>	<u>30</u>	\$ <u>64,350</u>
3.3.	Power and other supplied cables.	\$ <u>INC IN 3.1</u>	<u>30</u>	\$ <u>INC IN 3.1</u>
3.4.	Enclosure (Pelican Case) and internal wiring included.	\$ <u>1795.00</u>	<u>30</u>	\$ <u>53,850</u>
3.5.	Transceiver.	\$ <u>1299.00</u>	<u>30</u>	\$ <u>38,970</u>
3.6.	Power Supply.	\$ <u>249.00</u>	<u>30</u>	\$ <u>7,470</u>
3.7.	Additional Antenna Cable (description and price per foot). LMR 240 (20')	\$ <u>1.47 PER FT (20 FT / 29.40)</u>	<u>30</u>	\$ <u>882</u>
<b>Sub Total</b>				\$ <u>218,022</u>

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<i>KR-NIDA</i>			
4. Portable Kit with Battery Backup (does not include installation)			
4.1. Enclosure (Pelican Case) and internal wiring included.	\$ <u>1,982.00</u>	<u>30</u>	\$ <u>59,460</u>
4.2. Basic Transceiver with Handset and cable.	\$ <u>1,750.00</u>	<u>30</u>	\$ <u>52,500</u>
4.3. Land Antenna.	\$ <u>2,145.00</u>	<u>30</u>	\$ <u>64,350</u>
4.4. Power Supply.	\$ <u>249.00</u>	<u>30</u>	\$ <u>7,470</u>
4.5. Power and other supplied cables.			
4.5.1. Additional Antenna Cable (description and price per foot). LMR 240 (20')	\$ <u>1.47 PER FT</u> (30' 29.40)	<u>30</u>	\$ <u>882</u>
4.5.2. Backup Battery.	\$ <u>46.00</u>	<u>30</u>	\$ <u>1,380</u>
4.5.3. Internal Power Supply/Charger.	\$ <u>294.00</u>	<u>30</u>	\$ <u>8,820</u>
4.5.4. Voltage Regulator/Status Indicator.	\$ <u>INC IN 4.5.3</u>	<u>30</u>	\$ <u>INC IN 4.5.3</u>
<b>Sub Total</b>			\$ <u>194,862</u>

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
5. Basic Mobile Kit (does not include installation)			
5.1. Basic Transceiver with Handset and cable.	\$ <u>1,750.00</u>	<u>30</u>	\$ <u>52,500</u>
5.2. Power Cables.	\$ <u>35<sup>00</sup></u>	<u>30</u>	\$ <u>1,050</u>
5.3. Mobile Antenna and cable.	\$ <u>2,145.00</u>	<u>30</u>	\$ <u>64,350</u>

# ALTERNATE 2ND BID

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<i>SKYBASE/SKYCASE G0 Kit NEW PRODUCT</i>			
<b>4. Portable Kit with Battery Backup (does not include installation)</b>			
4.1. Enclosure (Pelican Case) and internal wiring included.	\$ <u>1,795.00</u>	<u>30</u>	\$ <u>53,850</u>
4.2. Basic Transceiver with Handset and cable.	\$ <u>1,750.00</u>	<u>30</u>	\$ <u>52,500</u>
4.3. Land Antenna.	\$ <u>2,145.00</u>	<u>30</u>	\$ <u>64,350</u>
4.4. Power Supply.	\$ <u>249.00</u>	<u>30</u>	\$ <u>7,470</u>
4.5. Power and other supplied cables.			
4.5.1. Additional Antenna Cable (description and price per foot). LMR 240 (30')	\$ <u>1.47 PER FT</u> (20 FT 29.40)	<u>30</u>	\$ <u>882</u>
4.5.2. Backup Battery.	\$ <u>46.00</u>	<u>30</u>	\$ <u>1,380</u>
4.5.3. Internal Power Supply/Charger.	\$ <u>249.00</u>	<u>30</u>	\$ <u>8,820</u>
4.5.4. Voltage Regulator/Status Indicator.	\$ <u>INC IN 4.5.3</u>	<u>30</u>	\$ <u>INC IN 4.5.3</u>
<b>Sub Total</b>			\$ <u>189,252</u>

Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<b>5. Basic Mobile Kit (does not include installation)</b>			
5.1. Basic Transceiver with Handset and cable.	\$ <u>1,750.00</u>	<u>30</u>	\$ <u>52,500</u>
5.2. Power Cables.	\$ <u>35.<sup>00</sup></u>	<u>30</u>	\$ <u>1,050</u>
5.3. Mobile Antenna and cable.	\$ <u>2,145</u>	<u>30</u>	\$ <u>64,350</u>

5.4.	Additional Antenna Cable (description and price per foot). LMR 240 (20')	\$ <u>1.47 FT</u> (20' / 29.40)	<u>30</u>	\$ <u>882</u>
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	<b>Sub Total</b>			\$ <u>118,782</u>
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Item	<u>Price Each</u>	<u>Estimated Quantity</u>	<u>Total Price</u>
<b>6. Marine Antenna, with case, Option</b>			
6.1. Antenna.	\$ <u>2,531.00</u>	<u>30</u>	\$ <u>75,930</u>
6.1.1. Premium to supply Marine Antenna, including cabling and additional storage case (if required) instead of standard Land Antenna provided with Mobile Kits.	\$ <u>932.00</u>	<u>30</u>	\$ <u>27,960</u>
6.1.2. Cost of Marine Antenna Kit, including mounting hardware, cabling, and storage case.	\$ <u>3613.00</u>	<u>30</u>	\$ <u>108,390</u>
	<b>Sub Total</b>		\$ <u>212,280</u>

<b>Total for equipment</b> with KR-NIDA			\$ <u>843,066</u>
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ALTERNATE WITH SKY CASE GO KIT

5.4. Additional Antenna Cable (description and price per foot). LMR 240 (20') \$ 1.47 PER FT 30 \$ 882.00  
(20' / 29.40)

Sub Total \$ \_\_\_\_\_

**Item** Price Each Estimated Quantity Total Price

**6. Marine Antenna, with case, Option**

6.1. Antenna. \$ 2531.00 30 \$ 75,930

6.1.1. Premium to supply Marine Antenna, including cabling and additional storage case (if required) instead of standard Land Antenna provided with Mobile Kits. \$ 932.00 30 \$ 27,960

6.1.2. Cost of Marine Antenna Kit, including mounting hardware, cabling, and storage case. \$ 3613.00 30 \$ 108,390

Sub Total \$ 212,280

**Total for equipment** WITH SKY BASE / SKY CASE GO KIT \$ 831,840

**ALTERNATE NO. 1**

USERS MUST COMPLETE SERVICE AGREEMENT  
AND ISSUE PURCHASE ORDER TO LIGHTSQUARED  
FOR SATELLITE RADIO SERVICE

**Two Way Mobile Satellite Radio  
Service Price Quotation Form per Device**

	Estimated Number of Devices	Regional 2-Beams Unit Price	Regional 2-Beams Extended Price
1. Unlimited PTT Dispatch Minutes & Pay Per Use "0" Satellite Telephone Minutes.	<u>30</u>	\$ <u>69</u>	\$ <u>2,070</u>
2. Unlimited PTT Dispatch Minutes & "50" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>114</u>	\$ <u>3,420</u>
3. Unlimited PTT Dispatch Minutes & "150" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>194</u>	\$ <u>5,820</u>
4. Unlimited PTT Dispatch Minutes & "300" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>301</u>	\$ <u>9,030</u>
5. Unlimited PTT Dispatch Minutes & "600" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>483</u>	\$ <u>14,490</u>
6. Unlimited PTT Dispatch Minutes & "1250" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>738</u>	\$ <u>22,140</u>
7. Unlimited PTT Dispatch Minutes & "2000" Satellite Telephone Monthly Minutes.	<u>30</u>	\$ <u>902</u>	\$ <u>27,060</u>
8. Airtime Per Additional Satellite Telephone Minute.	<u>30</u>	\$ <u>1.19</u>	\$ <u>35.70</u>
9. Monthly Fax/Data Access.	<u>30</u>	\$ <u>15</u>	\$ <u>450</u>
10. Standard GPS Tracking Monthly Access (End User Application).	<u>30</u>	\$ <u>7</u>	\$ <u>210</u>
11. Enhanced GPS Tracking Monthly Access (Vendor's Web based Application).	<u>30</u>	\$ <u>19</u>	\$ <u>570</u>
12. GPS Poll Rate (Per Poll).	<u>30</u>	\$ <u>.60</u>	\$ <u>18</u>

13. Dial-In Dispatch Monthly per Talkgroup.	<u>30</u>	<u>\$ 100</u>	<u>\$ 3,000</u>
14. Dial-Out Dispatch Monthly per Talkgroup.	<u>30</u>	<u>\$ 100</u>	<u>\$ 3,000</u>
15. Private Mode Monthly per Talkgroup.	<u>30</u>	<u>\$ 200</u>	<u>\$ 6,000</u>
16. Additional Talkgroup Access Monthly per Talkgroup.	<u>30</u>	<u>\$ 200</u>	<u>\$ 6,000</u>
17. Satellite Radio Activation Fee.	<u>30</u>	<u>\$ 50</u>	<u>\$ 1,500</u>
18. Satellite Radio Suspension Fee per Radio per Suspension.	<u>30</u>	<u>\$ 16</u>	<u>\$ 480</u>
19. Suspended Radio Monthly Fee per Radio (while suspended).	<u>30</u>	<u>\$ 10</u>	<u>\$ 300</u>
20. Initial Talkgroup Setup Fee.	<u>30</u>	<u>\$ 0</u>	<u>\$ 0</u>
21. Additional Talkgroup Setup Fee per Talkgroup (one-time charge).	<u>30</u>	<u>\$ 200</u>	<u>\$ 6,000</u>
22. Voicemail Activation Fee per Satellite Radio.	<u>30</u>	<u>\$ 10</u>	<u>\$ 300</u>

**Total for Alternate No. 1  
Regional 2-beams**

\$ \_\_\_\_\_

ALTERNATE NO. 2

USERS MUST COMPLETE SERVICE AGREEMENT  
AND ISSUE PURCHASE ORDER TO LIGHTSQUARED  
FOR SATELLITE RADIO SERVICE

Two Way Mobile Satellite Radio  
Service Price Quotation Form per Device

	Estimated Number of Devices	CONUS 3-Beams Unit Price	CONUS 3-Beams Extended Price
1. Unlimited PTT Dispatch Minutes & Pay Per Use "0" Satellite Telephone Minutes.	<u>10</u>	\$ <u>99</u>	\$ <u>990</u>
2. Unlimited PTT Dispatch Minutes & "50" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>144</u>	\$ <u>1,440</u>
3. Unlimited PTT Dispatch Minutes & "150" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>224</u>	\$ <u>2,240</u>
4. Unlimited PTT Dispatch Minutes & "300" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>331</u>	\$ <u>3,310</u>
5. Unlimited PTT Dispatch Minutes & "600" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>513</u>	\$ <u>5,130</u>
6. Unlimited PTT Dispatch Minutes & "1250" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>768</u>	\$ <u>7,680</u>
7. Unlimited PTT Dispatch Minutes & "2000" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>932</u>	\$ <u>9,320</u>
8. Airtime Per Additional Satellite Telephone Minute.	<u>10</u>	\$ <u>1,19</u>	\$ <u>11,90</u>
9. Monthly Fax/Data Access.	<u>10</u>	\$ <u>15</u>	\$ <u>150</u>
10. Standard GPS Tracking Monthly Access (End User Application).	<u>10</u>	\$ <u>7</u>	\$ <u>70</u>
11. Enhanced GPS Tracking Monthly Access (Vendor's Web based Application).	<u>10</u>	\$ <u>19</u>	\$ <u>190</u>
12. GPS Poll Rate (Per Poll).	<u>10</u>	\$ <u>.60</u>	\$ <u>6.00</u>

13. Dial-In Dispatch Monthly per Talkgroup.	<u>10</u>	\$ <u>100</u>	\$ <u>1,000</u>
14. Dial-Out Dispatch Monthly per Talkgroup.	<u>10</u>	\$ <u>100</u>	\$ <u>1,000</u>
15. Private Mode Monthly per Talkgroup.	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
16. Additional Talkgroup Access Monthly per Talkgroup.	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
17. Satellite Radio Activation Fee.	<u>10</u>	\$ <u>50</u>	\$ <u>500</u>
18. Satellite Radio Suspension Fee per Radio per Suspension.	<u>10</u>	\$ <u>16</u>	\$ <u>160</u>
19. Suspended Radio Monthly Fee per Radio (while suspended).	<u>10</u>	\$ <u>10</u>	\$ <u>100</u>
20. Initial Talkgroup Setup Fee.	<u>10</u>	\$ <u>0</u>	\$ <u>0</u>
21. Additional Talkgroup Setup Fee per Talkgroup (one-time charge).	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
22. Voicemail Activation Fee per Satellite Radio.	<u>10</u>	\$ <u>10</u>	\$ <u>100</u>

**Total for Alternate No. 2  
CONUS 3-beams**

\$ \_\_\_\_\_

**ALTERNATE  
NO. 3**

USERS MUST COMPLETE SERVICE AGREEMENT  
AND ISSUE PURCHASE ORDER TO LIGHTSQUARED  
FOR SATELLITE RADIO SERVICE

**Two Way Mobile Satellite Radio  
Service Price Quotation Form per Device**

	Estimated Number of Devices	All Regions 5-Beams Unit Price	All Regions 5-Beams Extended Price
1. Unlimited PTT Dispatch Minutes & Pay Per Use "0" Satellite Telephone Minutes.	<u>10</u>	\$ <u>129</u>	\$ <u>1,290</u>
2. Unlimited PTT Dispatch Minutes & "50" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>174</u>	\$ <u>1,740</u>
3. Unlimited PTT Dispatch Minutes & "150" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>254</u>	\$ <u>2,540</u>
4. Unlimited PTT Dispatch Minutes & "300" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>361</u>	\$ <u>3,610</u>
5. Unlimited PTT Dispatch Minutes & "600" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>543</u>	\$ <u>5,430</u>
6. Unlimited PTT Dispatch Minutes & "1250" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>798</u>	\$ <u>7,980</u>
7. Unlimited PTT Dispatch Minutes & "2000" Satellite Telephone Monthly Minutes.	<u>10</u>	\$ <u>962</u>	\$ <u>9,620</u>
8. Airtime Per Additional Satellite Telephone Minute.	<u>10</u>	\$ <u>1,19</u>	\$ <u>11,90</u>
9. Monthly Fax/Data Access.	<u>10</u>	\$ <u>15</u>	\$ <u>150</u>
10. Standard GPS Tracking Monthly Access (End User Application).	<u>10</u>	\$ <u>7</u>	\$ <u>70</u>
11. Enhanced GPS Tracking Monthly Access (Vendor's Web based Application).	<u>10</u>	\$ <u>19</u>	\$ <u>190</u>

12. GPS Poll Rate (Per Poll).	<u>10</u>	\$ <u>60</u>	\$ <u>6,00</u>
13. Dial-In Dispatch Monthly per Talkgroup.	<u>10</u>	\$ <u>100</u>	\$ <u>1,000</u>
14. Dial-Out Dispatch Monthly per Talkgroup.	<u>10</u>	\$ <u>100</u>	\$ <u>1,000</u>
15. Private Mode Monthly per Talkgroup.	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
16. Additional Talkgroup Access Monthly per Talkgroup.	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
17. Satellite Radio Activation Fee.	<u>10</u>	\$ <u>50</u>	\$ <u>500</u>

18. Satellite Radio Suspension Fee per Radio per Suspension.	<u>10</u>	\$ <u>16</u>	\$ <u>160</u>
19. Suspended Radio Monthly Fee per Radio (while suspended).	<u>10</u>	\$ <u>10</u>	\$ <u>100</u>
20. Initial Talkgroup Setup Fee.	<u>10</u>	\$ <u>0</u>	\$ <u>0</u>
21. Additional Talkgroup Setup Fee per Talkgroup (one-time charge).	<u>10</u>	\$ <u>200</u>	\$ <u>2,000</u>
22. Voicemail Activation Fee per Satellite Radio.	<u>10</u>	\$ <u>10</u>	\$ <u>100</u>

**Total for Alternate No. 3  
All Regions 5-beams**

\$ \_\_\_\_\_





**Two Way Mobile Satellite Radio**  
**Equipment Price and Service Price Quotation Form**

<b>Total from Equipment</b> <i>WITH K.R.NIDA PORTABLE KIT</i>	\$ <u>843,066</u>
<b>Total from Alternate No. 1</b> <b>Regional 2-Beams</b>	\$ _____
<b>Total from Alternate No. 2</b> <b>CONUS 3-Beams</b>	\$ _____
<b>Total from Alternate No. 3</b> <b>All Regions 5-Beams</b>	\$ _____
 <b>Grand Total</b>	 \$ _____

## Experience and Qualifications

Teltronic, Inc. is the oldest and largest authorized Motorola Premier Service Partner (PSP) and dealer in the Washington, DC - Baltimore, MD area. Founded in 1961, Teltronic has established itself by providing the best possible service to public safety, government and commercial radio communications users for close to 50 years. We have over 60 employees at four locations in Beltsville, Baltimore, Salisbury and Edgewater, MD.

Teltronic has, at each location, an experienced and professional technical staff with a wide range of experience in all types of two-way radio and communications systems. We utilize both on-the-job and Motorola factory training, and our technicians receive through training whenever new products and technology are introduced. We maintain the latest revisions in software and cables for both the servicing and programming of all Motorola radios. These software packages are automatically updated by Motorola through a software subscription. In addition to Motorola radio equipment, we also install and service a wide variety of emergency equipment from various manufacturers from light bars, sirens, strobes packages to apparatus intercom systems.

In 1990, Teltronic was chosen by Motorola to represent their two-way radio products as the first dealer in the area. We have developed a professional staff to design, sell, install and maintain wireless communications systems.

In May, 2007, Teltronic met the national requirements and become a Certified Service Center, CSC. The CSC rating is the highest level of recognition for technical expertise and customer service given by the RF communications industry.

In addition Teltronic is the only Motorola service center in Maryland that is certified to perform services on Motorola FM approved intrinsically safe communication equipment for use in hazardous locations. Our FM Approvals ID number is 3034781

All of us at Teltronic are committed to exceeding our customer's expectations and providing the best products and service available for your radio communications needs.

## ***Service Response***

Teltronic prides itself on fast service and has the resources and systems to quickly repair critical communications systems. We provide around-the-clock service for many police and fire departments, hospitals, military bases, and other users for whom radio communication is essential.

All service requests are immediately entered into our service management software and the service manager is advised of the service needed and its priority. If the manager is not available, the request is immediately routed to a senior technician, who can dispatch a technician or take any other action needed to resolve the problem.

If a service request is not handled promptly and the manager is not available, the person taking the call will escalate the matter to either a vice president or the president to make sure that the problem is addressed. Service calls that have been dispatched are also tracked by our software and are reviewed daily by the service manager. Additionally, the service manager, or assistant manager if the manager is not available, reviews open service calls throughout the day to ensure that each is being handled appropriately.

## ***After-Hours Emergency Service***

Service requests outside of Teltronic's business hours are called in to our answering service. This service is restricted to customers with a need for emergency service. The answering service will record the nature of the problem and customer callback information, and then they will contact our on-call technician. The on-call technician carries a pager and cellular phone and has a fully equipped service truck so that he can respond quickly to any service call.

If the on-call technician does not respond within 30 minutes, the answering service will escalate the call until someone takes responsibility for it. The call is first escalated to another on-call technician, then to the Beltsville service manager, then to the vice president and finally to the president. On the following business day, the service manager will review the status of the service call and ensure that we are taking whatever action is needed to quickly resolve it.

## ***Failure Analysis***

Teltronic maintains records of every repair and service request. These records include the date and time placed, the equipment or system to be serviced, all labor and parts used in the repair, an explanation of the problem found and what was done to correct it.

Using this information and our technician's knowledge, we can analyze a problem and its cause, and recommend any corrective action to prevent it from recurring. When equipment is serviced, our computer system will automatically advise the technician if the equipment has been serviced before and give the job ticket number and date serviced. This allows us to identify repeat problems before starting work, instead of realizing later that there is a chronic or repeat problem with that equipment. We can also provide reports that list all service performed along with any desired amount of detail.

## **Experience**

### **Grant County, West Virginia**

4 N. Main Street, Ste 1  
Petersburg, WV 26847  
Contact: Peggy Alt (304) 257-2140

### **Jefferson County, West Virginia**

28 Industrial Blvd., Suite 100  
Kearneysville, WV 25430  
Contact: Jeffrey Polczynski (304) 728-3317

### **Berkeley County, West Virginia**

802 Emmett Rousch Drive  
Martinsburg, WV 25401  
Contact: Mary Kackley (304) 263-1340

## **Montgomery County, Maryland**

Radio Communications Services Station  
16647 Crabbs Branch Way  
Rockville, MD 20855  
Contact: Bobby Johnson (240) 777-2959  
Contracts:

- Ongoing since 2003 (Sub-contracted by Motorola)
- 434400001-AA: As required services since January 2003

Installed a Motorola SmartZone ASTRO multi-site digital communications system and maintain all subscriber radios and equipment for police, fire and public works as well as providing technicians on a full time basis to install radio communications equipment, data and emergency equipment. Work consisted of all aspects of two-way communications from the design of radio templates, to programming of subscriber units to the installation of the equipment in various vehicles and fire apparatus. The installation of the radio equipment also involved the installation of emergency lighting, siren and data equipment.

## **Howard County, Maryland**

4311 Route 32  
Dayton, MD 21036  
Contact: Mike Harrod (410) 313-5809  
Contract:

- Ongoing since August 2004 (Sub-contracted by Motorola)

Installed and maintain a Motorola SmartZone ASTRO multi-site digital communications system for police, fire, EMS, operations, and maintenance vehicles and staff for the entire county. The system includes 5,000 mobile and portable radios, along with dispatch consoles for police, fire, and operations. In addition, we also provide a full time technician to install radio communications equipment, mobile data and emergency equipment. Work includes all aspects of two-way communications from the design of radio templates, to programming of subscriber units to the installation of the equipment in various vehicles and fire apparatus. The installation of the radio equipment also included the installation of emergency lighting, siren and data equipment.

## **Queen Anne County, Maryland**

100 Communication Drive

Centreville, MD 21617  
Contact: John Chew (410) 758-4500  
Contract:

- Ongoing since February 2006 (Sub-contracted by Motorola)

Maintain a Motorola SmartZone ASTRO multi-site digital communications system for police, fire, EMS, operations, and maintenance vehicles and staff for the entire county. The system includes RF and trunking infrastructure along with dispatch consoles for police, fire, and operations. Work includes all aspects of two-way communications from the design of radio templates, to programming of subscriber units to the installation of the equipment in various vehicles and fire apparatus. The installation of the radio equipment also included the installation of emergency lighting, siren and data equipment.

### **Talbot County, Maryland**

605 Port Street  
Easton, MD 21601  
Contact: Clay Stamp (410) 770-8160  
Contract:

- Ongoing since February 2006 (Sub-contracted by Motorola)

Maintain a Motorola SmartZone ASTRO multi-site digital communications system for police, fire, EMS, operations, and maintenance vehicles and staff for the entire county. The system includes site infrastructure, mobile and portable radios, along with dispatch consoles for police, fire, and operations. Work includes all aspects of two-way communications from the design of radio templates, to programming of subscriber units to the installation of the equipment in various vehicles and fire apparatus. The installation of the radio equipment also included the installation of emergency lighting, siren and data equipment.

### **Caroline County, Maryland**

7 North First street  
Denton, MD 21629  
Contact: Bryan Ebling (410) 479-2622  
Contract:

- Ongoing since February 2006 (Sub-contracted by Motorola)

Maintain a Motorola SmartZone ASTRO multi-site digital communications system for police, fire, EMS, operations, and maintenance vehicles and staff for the entire county. The system includes site infrastructure, mobile and portable radios, along with dispatch consoles for police, fire, and operations. Work includes all aspects of two-way communications from the design of radio templates, to

programming of subscriber units to the installation of the equipment in various vehicles and fire apparatus. The installation of the radio equipment also included the installation of emergency lighting, siren and data equipment.

## **Metropolitan Washington Airports Authority**

Washington National Airport,

Attn.: Derek Kelly, MA-630

Washington, DC 20001

Contact: Derek Kelley, Radio System Manager (703) 417-3492

Contracts:

- Ongoing since June 2003 (sub-contracted by Motorola)
- 1-03-C056: As required services since August 2003

Installed and maintain multi-site Motorola SmartZone ASTRO digital communications system for police, fire, EMS, operations, and maintenance vehicles and staff at Reagan National and Washington Dulles International airports. The system includes 1,200 mobile and portable radios, along with dispatch consoles for police, fire, and operations at both airports. The system was originally installed in 1997 and 1998, with expansion and upgrades in 2000, 2001 and 2005. Work consisted of all aspects of two-way communications from the design of radio templates, to programming of subscriber units to the installation of the equipment in various pieces of apparatus. Teltronic also installs emergency lighting, siren and data equipment for MWAA.

## **Maryland Institute for Emergency Medical Services Systems**

653 W. Preston Street

Baltimore, MD 21201

Contact: Chuck Rollman (800) 492-1185

Contract:

- D53P7200045: As required services since September 2005
- D53P7200045: As required installation and removal services since September 2005

Preventive, routine and emergency maintenance and repair services on both the ambulance mobile radio system and the infrastructure at 12 sites located throughout the lower Eastern Shore Counties of Maryland. Equipment consists of UHF and low band Motorola, General Electric and Kenwood radios as well as a Tadiran digital microwave system.

## **Calvert Cliffs Nuclear Power Plant**

1650 Calvert Cliffs Parkway  
Lusby, MD 20657  
Contact: Gail Bleakley (410) 495-3731  
Contract: RFQ-40016  
Ongoing since September 2001

Maintain Motorola 800 MHz trunked communication system for plant security and maintenance. Maintenance provided on fixed stations, portable equipment and in building signal enhancement. Work includes repair and maintenance of all system infrastructure, portable and mobile radios, design of radio templates and programming of subscriber units, and engineering services as needed to support the system.





3827 Foothill Blvd  
La Crescenta, CA 91214  
818-957-1248



**KR Nida Go Kit  
Model XXXXXXX**

## Technical Requirements and Specifications

KR Nida Go-kits are mounted in a black Pelican case with no exterior connections. All components are contained within the case. Overall design is as small, light, and rugged and reasonably priced. The MSAT-G2 is installed into the case with no foam or similar material is used.

The transceiver is installed, so that the ports on the transceiver unit are extended to the faceplate for full access to all the ports DB-9 serial port, handset port, and Ethernet port.

Transceiver unit is installed in such a manner to be easily removed or replaced by the user.

Threaded antenna cable fittings should be covered with a leashed, threaded cap.

External ports are labeled on the faceplate as described below or with appropriate abbreviations:

1. Handset: "Handset"
2. Serial Port/USB: "GPS/Interop"
3. Antenna: "Antenna"
4. Ethernet: "Software Upgrades"
5. Speaker: "External Speaker"

The antenna is equipped with rust resistant magnetic vehicle mounts that attach to a metal base or support within the case. The antenna cable fitting on the antenna itself is covered with a leashed, threaded cap.

Handset is housed in the case in any protected manner but spacing should allow the lid to safely close on the handset with the handset plugged into the TU and the handset appropriately mounted for the user.

### Electrical:

- The kit is equipped with a 110-120 VAC and 12 VDC charging capability.
- The kit is equipped with surge protection and voltage regulation to maintain the G2 in an "on" status regardless of what is happening with the AC/DC power source.
- The kit is equipped with a 7.5 amp hour gel cell battery and installed in such a manner to make it easy for an end user to change. Circuitry is designed such that if the battery fails, the portable kit will continue to power the MSAT G2 from either the AC or DC power source.
- The kit is equipped with a rocker style on/off switch that illuminates the color green when in the "on" position.
- The kit is equipped with a green color charging light when go-kit is attached to either a 110 or 12V power source and this light should illuminate whether the unit is powered on or not.
- The kit is equipped with a flashing red light that blinks when voltage on the battery drops to or below 12Volts, specifically when AC or DC power has been interrupted and the unit is operating only on battery power with power dropping.

- Fuses are mounted on the face plate for easily accessed by the user. Fuses are marked as to their individual purpose, and are standard such that they are readily/easily obtained by user on the aftermarket.
- The kit is equipped with two cigarette lighters with leashed/hinged plugs or covers.
- The kit includes an optional external speaker with volume control independent from that of the G2 handset that will not mute the audio on the handset itself. This external speaker has a mounting capability within the kit such that the lid may close with the speaker installed. Speaker must have a minimum of 15' of appropriate cable to separate it from the kit itself.
- Warning stickers is prominently displayed cautioning the user that: Unit should only be powered on with antenna attached (i.e. do not turn the unit on without an attached antenna; and do not attach an antenna to a G2 that is already powered on.)
- Unit will not power from an AC and DC power source at the same time.T
- The interior of the lid shall offer "office" features such as a white board, or a plastic envelope which contains paperwork that can be seen through the envelope. The lid could accommodate a place for yellow, self sticking memo notes or a fully contained clip board sitting next to a white board.

## Case Features

### Features:

Watertight, crushproof, and dust proof  
 Open cell core with solid wall design - strong, light weight  
 Automatic Pressure Equalization Valve  
 O-ring seal  
 Comfortable rubber over-molded handle  
 Stainless steel hardware and padlock protectors  
 2 level Pick 'N' Pluck™ with convoluted lid foam  
 Personalized nameplate service available  
 Unconditional Lifetime Guarantee of Excellence

### Specifications:

Temperature Rating: Minimum -10° F (-23° C)  
 Maximum +210° F (+99° C)  
 Inside Dimensions: 21-3/4" x 16-13/16" x 7-7/8" (55.2 cm x 42.7 cm x 20 cm)  
 Outside Dimensions: 24-1/4" x 19-7/16" x 8-11/16" 61.6 cm x 49.4 cm x 22 cm)  
 Lid Depth: 1-13/16" (4.6 cm)  
 Case Depth: 6-1/16" (15.5 cm)  
 Buoyancy: Floats in salt water with 55 lbs (25 kg) load  
 Approvals: IP 67 ATA Specification 300 Military  
 Standard C-4150J  
 Weight of Case: With 35 lbs



# SKYBASE COMMUNICATIONS

Satellite • Wireless • IP Solutions

Part #	Description	MSRP
SkyCase1560	SkyCase Go-Kit for MSAT G2	\$ 2,790.00
	Kit is housed in a Pelican Case - watertight, crushproof, and dust proof	
	Kit has no exterior connections	
	All components are housed in the case	
	All components are hard mounted in the case	
	All ports on the TU are remoted and accessible	
	Standard hardware is used, for easy TU swaps	
	Serial Port connection accessible with no additional adapters. Hardmounted, so there are no adapters that can be misplaced.	
	Remote Ports are all labeled appropriately:	
	Handset: "Handset"	
	Serial Port: "Serial Port"	
	Antenna: "Antenna"	
	Speaker: "External Speaker"	
	External Volume: "Volume"	
	Antenna will be equipped with magnetic mount feet that will contain the antenna in the kit.	
	Antenna cable fitting will contain a threaded cap	
	Handset is positioned in a protected manner in the case, so the lid may close with the handset plugged in.	
	Kit is equipped with a 110-230 volt AC and 12 DC volt charging capability. It is wired in such a manner that no damage will occur if both are plugged in at the same time.	3.2.1, 3.2.3.1.1.1, 3.2.3.1.1.2, 3.2.7
	Kit is equipped with a light that changes color to indicate the primary power source (AC or DC)	3.2.5
	Kit is equipped with voltage regulation and surge suppression to maintain an "on" status regardless of power source fluctuations.	3.2.4
	Kit automatically switches to the battery system, in the event the AC or DC power sources fail or are removed by the user	3.2.3.1.1.3
	Kit contains a 12 Amp Hour battery system, installed in a manner that is easy to change by the user, and the circuitry will allow the kit to function from AC or DC in the event the battery fails	3.2.6, 3.2.6.1
	Kit is equipped with a rocker style ON/OFF switch, on the interior of the case/box that illuminates green when in the ON position.	3.2.2, 3.2.2.1.1
	Kit operates on AC or DC as the user selects	3.2.3
	Kit contains standard fuses, which are accessible by the user and clearly labeled for their purpose. These standard fuses are readily and easily obtainable.	
	Kit is equipped with two cigarette lighter plugs with leashed/hinged caps	3.2.8
	Kit has an optional external speaker, mounted so the lid will close with the speaker installed, with an independent volume control, that will not mute the audio on the G2 handset. Speaker is easily removed from the kit and has atleast a 10 foot cord.	3.3.1, 3.3.1.1, 3.3.2
	kit contains warning labels/stickers cautioning the user "Unit should only be powered on with antenna attached"	3.3.3
	Kit offers "Office Features" in the lid - White board and clear pouch for documents	3.3.4

**1600 Pelican Case Dimensions:**

Exterior	24.25" x 19.43" x 8.68 (61.6 x 49.3 x 22 cm)	
Interior	21.43" x 16.50" x 7.87" (54.4 x 41.9 x 20 cm)	3.3.5.13
Lid Depth	1.75" (4.4 cm)	3.3.5.9
Bottom Depth	6.12" (15.5 cm)	3.3.5.10
Total Depth	7.87" (20 cm)	
Buoyancy Max	117 lbs (53.07 kg)	3.3.5.11
Range Temp	-40/210 deg F (-40/99 deg C)	3.3.5.8

**1600 Pelican Information:**

Watertight, crushproof, and dust proof	3.3.5.1
Open cell core with solid wall design - strong, light weight	3.3.5.2
Automatic Pressure Equalization Valve	3.3.5.3
O-ring seal	3.3.5.4
Comfortable rubber over-molded top and side handles	3.3.5.5
Stainless steel hardware and padlock protectors	3.3.5.6
Lifetime Guarantee of Excellence	3.3.5.7

**1600 Case Certificates**

IP67 (1 meter submersion for 30 minutes)	
MIL C-4150J • Def Stan 81-41/STANAG 4280 • ATA 300	3.3.5.12