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TO ALL PROSPECTIVE BIDDERS

IFB #06-31 – FURNISH AND INSTALL PORTABLE RADIOS AND REPEATERS

RE: ADDENDUM NO. 1

The following information is provided to all prospective Bidders and shall become part of the pending contract to furnish and install portable radios and repeaters in strict accordance with IFB #06-31. Bidders shall acknowledge receipt and acceptance of this addendum in the spaces provided in IFB #06-31, Attachment C, Form of Proposal.

ADDENDUM NO. 1

The requirement for on-site programming of all existing UHF radios is hereby deleted in its entirety.

Please replace pages 11, 12, 13, 14, 15, 16, 18, 19, 20, which were included in the original IFB package, with the revised pages attached to this Addendum.

The original portable radio and school repeater equipment specifications have been revised as well, and these changes are included in the attached revised IFB pages.

Deletions are in ~~Double Strikethrough~~ and additions are in underline.

END

ALL OTHER TERMS, CONDITIONS, AND PROVISIONS OF THE IFB DOCUMENT REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

IFB #06-31 – FURNISH AND INSTALL PORTABLE RADIOS AND REPEATERS
ATTACHMENT B – SPECIAL CONDITIONS/SPECIFICATIONS

SPECIAL CONDITIONS

GENERAL

The School Board of Alachua County, Florida (hereinafter “SBAC” or “District”) is seeking prospective vendors (hereinafter “Bidders”) to accomplish the following:

1. Turnkey System: Furnish, program, and deliver, FOB Destination, a total of ~~429~~ **380** Vertex VX-160 Series UHF Portable Radios with antennas (*Or Equal*) to the schools and centers listed on Attachment D. These radios will replace all existing VHF portable radios in District schools;
2. Turnkey System: Furnish, program, and install **6** each ~~Vertex VXR-9000~~ Vertex or Motorola Series UHF Repeaters with two (02) each Omni Directional antennas (~~*Or Equal*~~) at the following schools: Hawthorne High School (01), Newberry High School (01), High Springs Community School (01), Archer Community School (01), Eastside High School (01), and Waldo Community School (01);
3. Turnkey System: Furnish, program, and install **1** each Motorola MTR 2000 Series UHF 100 Watt Continuous Duty Repeater (no cabinet – repeater shall fit into existing 19” rack) (*Or Equal*) at the TV20 tower, Alachua County, Florida;
4. ~~On Site Programming: re-program **199** existing school and center portable UHF radios. See Attachment D for radio inventory;~~
5. Training: Hold three (03) two-hour training seminars for District staff on the proper operation and care of portable radios and repeaters. The date and location of the seminars will be determined by SBAC at a later date. One seminar may be reserved for developing a portable radio emergency protocol with the SBAC Security Chief.

All antennas shall have a 110 mph wind load rating.

SBAC will obtain the FCC licenses and ~~frequency~~ frequencies (reserved emergency channel, four county-wide simplex frequencies) and will provide that information to the successful bidder prior to programming new equipment, ~~and re-programming existing UHF portables.~~ The new ~~frequency~~ frequencies will be programmed into all new UHF radios, ~~and all re-programmed UHF radios.~~

Bidders shall also include priced options for additional portable radios, as well as prices for various radio and repeater parts and accessories, as described in Attachment C.

All equipment and installation services shall be provided in strict accordance with this IFB.

AWARD

Award shall be made on an all-or-none basis to the low, responsive and responsible Bidder. Contract award will be made on or about February 7, 2006. The contract term shall be from the date of award through April 30th, 2006, and may be extended for an additional period of time based on the successful Bidder honoring equipment prices past this date. SBAC reserves the right to split award if it is in its best interest to do so.

CONTRACT

SBAC anticipates award of a firm fixed-price contract to furnish, deliver FOB destination, and install the equipment specified herein.

DELIVERY, PROGRAMMING, AND INSTALLATION SCHEDULE

Time is of the essence. All work shall be satisfactorily completed and invoices submitted by no later than April 21, 2006. No extensions will be granted. A pre-work meeting shall be scheduled with successful Bidder shortly after contract award to set work priorities and establish a project schedule. During the course of the project, successful Bidder shall submit written progress reports to the designated SBAC project manager every two weeks.

SPECIFICATIONS; OR EQUAL SYSTEMS

Also see Attachment A. Bidders shall submit with their Bid manufacturer's product literature and specifications for all "or equal" equipment. The literature and specifications shall be the most currently available and shall be sufficiently detailed to allow SBAC to *easily* ascertain whether or not the proposed "or equal" equipment complies with the IFB specifications. The decision as to whether a proposed substitution is or is not equal to the specified equipment shall rest solely with SBAC. **Bids received without this information will be deemed non-responsive and therefore not subject to award.**

WARRANTY

Each radio shall carry a three-year manufacturer's warranty against defective parts and labor. Radio antennas and batteries shall carry a one-year warranty against defective parts and labor. Warranty repairs shall be covered by the same three-year/one-year guarantee described above.

The successful Bidder shall be certified by the radio manufacturer to perform warranty work if the manufacturer's standard practice is to contract warranty work with their distributors. The successful Bidder shall be responsible for facilitating and expediting all warranty repairs on behalf of SBAC, including shipping the damaged unit to its repair facility or directly to the manufacturer at no cost to SBAC.

The successful Bidder shall provide loaner radio(s) to SBAC at no cost while warranty work is being completed. The successful Bidder shall respond to warranty repair calls by providing a loaner radio within eight (08) working hours of notification by SBAC.

The repeaters and associated equipment shall carry the manufacturer's standard warranty against defective parts and labor. Equipment installation labor shall be warranted for one-year after installation and acceptance by SBAC. The successful Bidder shall be certified by the manufacturer to perform warranty repair work.

QUALITY

All equipment (radios, repeaters, and associated equipment) and installation materials shall be new and unused. Warranty parts shall be new and carry the same guarantee as the original equipment. Refurbished or remanufactured product will not be accepted.

FREIGHT TERMS

All equipment shall be shipped FOB destination to the school and center sites listed in Attachment D, with title to goods transferring to SBAC at time of receipt, programming, and satisfactory operation of portable radios and successful installation, programming, and satisfactory operation of repeaters and associated equipment.

EQUIPMENT PACKAGING; DEAD ON ARRIVAL

Equipment shall be packaged accordingly to protect it from damage during transit. Packaging must fully cover and protect all merchandise shipped. Any equipment received in an inoperable condition or that ceases to operate within fifteen (15) business days after delivery and installation shall be immediately replaced with new equipment identical to that ordered. SBAC shall not bear the cost of freight charges for returned DOA or damaged product.

INVOICES AND PAYMENT TERMS

See also Attachment A. Payment shall be made for product and services received in accordance with the IFB and accepted by SBAC. Portable radio invoices shall be submitted at the time of satisfactory operation. Repeater invoices shall be submitted at the time of successful installation and operation.

BIDDER QUALIFICATIONS

Bidder and its subcontractor, if any, warrant and represent that they are experienced and an expert in the equipment and services specified herein. Bidder and its subcontractor, if any, understand that in awarding a contract, SBAC is relying on the representations and warranties made herein by Bidder and its subcontractor, if any.

Bidder and its subcontractor, if any, shall be an established firm, licensed and insured, and shall have adequate organization, facilities, equipment and personnel to ensure contract performance in accordance with the IFB document. By signing this bid, Bidder is certifying on its behalf, as well as that of its subcontractor, if any, that it is now and will remain an authorized stocking dealer for the manufacturer line it is proposing. Award shall be made only to certified manufacturers, dealers, and distributors for the manufacturer product lines it represents. Bidder and its subcontractor, if any, shall provide a letter of verification evidencing authorization to sell and distribute the equipment proposed. In addition, Bidder and its subcontractor, if any, shall provide references (project name, company name, contact point, phone #) for three projects similar in scope to that described in this IFB, which were successfully completed within the past five (05) years.

SBAC reserves the right to make sole and final determination as to the apparent successful Bidder's compliance with and capability to meet the requirements of this IFB.

EQUIPMENT QUANTITIES AND OPTION PRICES

SBAC's initial order shall be for approximately ~~429~~ **380** portable radios, **6** school repeaters, and **1** continuous duty repeater at the TV20 Tower. SBAC may place additional orders for radios and repeaters at the unit prices proposed by the successful Bidder in Attachment C through April 30, 2006, or longer if so noted, and successful Bidder shall honor those prices. The decision to purchase additional radios or repeaters shall be at the sole discretion of SBAC. These quantities represent **estimates** only and SBAC may purchase **less** or more than indicated depending on current budgetary constraints.

Option prices are not part of the evaluation process. Option prices may be exercised at the sole discretion of SBAC. Option prices are subject to negotiation.

INSTALLATION CREWS

Installation crews shall be employees of Bidder or authorized subcontractor only. The successful Bidder shall use an appropriate number of skilled workers to complete all work described herein within the established schedule. Installation crews shall be thoroughly trained and experienced with all equipment programming, installation, and re-programming requirements

SPECIFICATIONS

PART A

Turnkey System: Furnish, program, and deliver a total of ~~429~~ **380** Vertex VX-160 Series UHF Portable Radios with Antennas (*Or Equal*) to the schools and centers listed on Attachment D. Radios shall be programmed to the new emergency frequency, which will be obtained from FCC by SBAC. In addition, up to four (04) additional channels per radio will be programmed using four (04) county-wide simplex frequencies, at the direction of each school and center, to match or augment the programming in the VHF units being replaced. See Attachment D for inventory of new radios. See Attachment E for school and center addresses.

Each radio shall come with the following features:

1. 16 Channels Capacity;
2. ~~5~~ **4** Watts Power minimum;
3. 12.5/25 kHz Bandwidth;
4. 7.2V 1100mAh NI-CD Battery;
5. see <http://vertex.psicompany.com/vertex/160br.pdf> for detailed product specifications.
6. Belt Clip;
7. Antenna;
8. Plug-in Desktop Charger.

PART B

Turnkey System: Furnish, program, and install a total of **6** each ~~Vertex VXR-9000 Series~~ *Vertex or Motorola* UHF Repeaters with 2 each Omni Directional antennas (~~*Or Equal*~~) at the following schools: Hawthorne High School (01), Newberry High School (01), High Springs Community School (01), Archer Community School (01), Eastside High School (01), and Waldo Community School (01). See Attachment E for school addresses.

Each Bidder shall establish its lump sum price based on the following assumptions:

1. 50' RG8 Cable run from the repeater to each antenna;
2. Side mount antenna installation no more than 20' above grade;
3. In-building RG8 cable to be installed in 15' run, conduit *or equal*.
4. Two Omni-Directional antennas (110 mph wind rating).

Each repeater shall have the following features:

1. ~~32~~ **16** Channel Capacity;
2. UHF (450-490 mHz);
3. ~~See http://www.vxstd.com/en/products/land_mr_img/VXR-9000EXP.pdf for detailed product specifications.~~ Minimum 40 Watts.

PART C

Turnkey System: Furnish, program, and install **1** each Motorola MTR 2000 Series UHF 100 Watt Continuous Duty Repeater/Receiver (no cabinet – repeater shall fit into existing 19" rack) (*Or Equal*) at the TV20 tower, Alachua County, Florida.

The repeater shall have the following features:

1. 16 Channel Capacity;
2. 450-470 mHz;
3. See http://www.motorola.com/governmentandenterprise/northamerica/en-us/public/functions/browseproduct/productdetailpage.aspx?navigationpath=id_803i/id_1250i/id_1277i/id_1481i for detailed product specifications.

PART D

~~Turnkey: On Site re-programming of 199 existing UHF portable radios. See Attachment D for radio inventory. Radios shall be programmed to the new emergency frequency, which will be obtained from FCC by SBAC.~~

~~Some existing UHF units are being replaced because of age or channel limitations. The replacement radios will be re-programmed with the new emergency frequency. In addition, up to four (04) additional channels per radio will be programmed at each school and center's discretion to match the channel programming of the remaining UHF units. These new/replacement units are included in the **PART A** total.~~

PART E

Turnkey: Training. Hold 3 two-hour train-the-trainer seminars for District staff on the proper operation and care of portable radios and repeaters. The date and location of the seminars will be determined by SBAC at a later date.

All existing VHF and UHF radios will remain the property of SBAC. Successful Bidder shall not remove existing radios without prior authorization from the Purchasing Department and the School/Center Principal. **BIDDERS SHALL ATTACH TO THEIR BID TRADE-IN OFFER(S) FOR EXISTING SCHOOL RADIOS. SUCH OFFER SHALL NOT BE TABULATED, BUT MAY BE NEGOTIATED WITH THE SUCCESSFUL BIDDER.**

IFB #06-31 – FURNISH AND INSTALL PORTABLE RADIOS AND REPEATERS
ATTACHMENT C – FORM OF PROPOSAL

Bidders shall input firm fixed prices in the tables provided below to accomplish the work described above.

		A	B	C
Specification Section	Description	Quantity	Unit Price	Extended Total (A x B = C)
Part A – Turnkey	Portable Radios	429 380	\$	\$
Part B – Turnkey	School Repeaters	6	\$	\$
Part C – Turnkey	Tower Repeater	1	\$	\$
Part D – Turnkey	Re-Programming of Existing UHF Portable Radios – Add Emergency Channel	199	\$	\$
Part E – Turnkey	Training	3	\$	\$

BASE BID TOTAL PRICE: _____

(COLUMN C TOTAL)

The unit prices noted above will be honored by successful Bidder past 04/30/06 to _____.
(insert date here)

Option Prices – will not be used in determining the successful Bidder. Prices are subject to negotiation at the sole discretion of SBAC.

Specification Section	Description	Qty.	Unit Price
Part A-Portable Radios	MH-37 Earpiece/Microphone	1+	\$
	LCC-180/S Leather Case	1+	\$
	7.2V 1100mah NI-CD BATTER	1+	\$
	Mh-45 Speaker/Microphone	1+	\$
	Antenna	1+	\$
	Nickel Metal Hydride Battery with charger (less cost of NI-CAD Battery Charger)	1+	\$
Part B-School Repeater	Per Foot Price To Furnish/Install RG8 Cable	1+	\$
	Per Foot Price To Furnish/Install RG8 Cable in Panduit (Or Equal)	1+	\$
	MD-11 Desktop Microphone (furnish/install)	1+	\$
	MH-27 Hand Microphone (furnish/install)	1+	\$
		1+	\$
Miscellaneous	Radio Repair Hourly Rate	1+	\$
		1+	\$
	Repeater Repair Hourly Rate	1+	\$
		1+	\$
Part D – Reprogramming	Program Additional Channel Per Radio	1+	\$
Other-Bidder Defined			\$
Other-Bidder Defined			\$

IFB #06-31 - FURNISH AND INSTALL PORTABLE RADIOS AND REPEATERS

ATTACHMENT D - SCHOOL RADIO EQUIPMENT INVENTORY

CURRENT SCHOOL RADIO INVENTORY SUMMARY						IFB REQUIREMENTS		
School	Manu.	Model	Total	Channel Cap.	Freq.	Action	Purchase	Options
Alachua Elementary	Patriot	SST-150 VHF	9	2-channel	VHF	New UHF		
	Vertex	VX160, SST-144D	4	16-channel	VHF	New UHF	13 VX160	
Archer Comm.	Motorola	SP50	8	10-channel	VHF	New UHF		7 radios
	Motorola	P110	1		VHF	New UHF		
	Vertex	VX160	2	16-channel	VHF	New UHF	11 VX160	
Chiles Elementary	Motorola	SP50	5	10-channel	VHF	New UHF	5 VX160	11 radios
Duval Elementary	Vertex	VX160	8	16-channel	VHF	New UHF		7 radios
	Motorola	SP21	4	40-channel	VHF	New UHF		
	Motorola	SP50	4	10-channel	VHF	New UHF	16 VX160	
J.J. Finley	Motorola	SP21	5	40-channel	UHF	New UHF		
=	Motorola	SP50	6	40-channel	UHF	Reprog.	7 VX160	=
-	Motorola	CP200	2	4-channel	UHF	New UHF		=
=	Vertex	VX160	3	16-channel	UHF	Reprog.	9 REPRG.	=
Foster	Vertex	VX160	3	16-channel	VHF	New UHF		
	Motorola	SP50+	10	10-channel	VHF	New UHF		
	Motorola	SP50	3	10-channel	VHF	New UHF		
	Motorola	SP50	2	2-channel	VHF	New UHF	18 VX160	
Glen Springs	Vertex	VX160	8	16-channel	UHF	Reprog.	8 REPRG.	2 radios
Hidden Oak	Vertex	VX160	24	16-channel	UHF	Reprog.	24 REPRG.	=
High Springs	Vertex	VX160	15	16-channel	VHF	New UHF	15 VX160	
Idylwild	Motorola	CLS1410	2	4-channel	UHF	New UHF	5 VX160	3 radios
Irby	Vertex	VX160	8	16-channel	UHF	Reprog.	8 REPRG.	5 radios
-	Patriot	SST-450	5	2-channel	UHF	New UHF	5 VX160	=
Littlewood Elementary	Motorola	SP50+	17	10-channel	VHF	New UHF	17 VX160	
Metcalfe	Vertex	VX131/132	4	2-channel	UHF	New UHF	4 VX160	2 radios
Newberry E.S.	Motorola	SP50	8	10-channel	VHF	New UHF		
	Vertex	VX160/180	2	16-channel	VHF	New UHF	10 VX160	

School	Manu.	Model	Total	Channel Cap.	Freq.	Action	Purchase	Options
Norton	Motorola	P110	3	2-channel	UHF	New UHF		
-	Motorola	SP50+	2	10-channel	UHF	New UHF		
-	Motorola	SP50	1	10-channel	UHF	New UHF	6 VX160	
-	Vertex	VX160	4	16-channel	UHF	Reprog.	4 REPRG.	2 radios
Prairie View	Motorola	CP200	3	4-channel	UHF	New UHF	4 VX160	-
-	Motorola	SP50+	6	10-channel	UHF	Reprog5		1 broken
-	Vertex	VX160	1	16-channel	UHF	Reprog	6 REPRG.	2 radios
Rawlings	Motorola	CLS1410	12	4-channel	?	?	?	New
Shell	Motorola	SP50	4	10-channel	VHF	New UHF	4 VX160	4 radios
Talbot	Motorola	SP50	4	10-channel	UHF	Reprog		3 radios
-	Vertex	VX160	11	16-channel	UHF	Reprog10	2 VX160	1 broken
-	Maxon	?	1	-	UHF	New UHF	11 REPRG.	-
Torwilliger Elementary	Motorola	Spirit GT Plus, #MTR SPRITPLUS	44	44-channel	UHF	Reprog10	40 REPRG.	4 broken
=	-	-	-	-		New	4 VX160	16 radios
Waldo Comm.	Motorola	SP50	1	10-channel	VHF	New UHF		5 radios
	Motorola	P110	4		VHF	New UHF		
	Vertex	VX160	6	16-channel	VHF	New UHF	11 VX160	
Wiles	Vertex	VX160	7	16-channel	UHF	Reprog.	7 REPRG.	5 radios
Williams Elementary	Vertex	VX160	11	16-channel	UHF	Reprog9	9 REPRG.	10 radios
=	=	=	2	=	New	New UHF	2 VX160	=
Bishop Middle	Motorola	P110	11	16-channel	VHF	New UHF		
	Midland	Bantam	7	16-channel	VHF	New UHF		
	GE	Centurion	5	2-channel	UHF	New UHF		
	Vertex	VX160	3	16-channel	VHF	New UHF	26 VX160	
Ft. Clarke Middle	Motorola	CP200	18		VHF	New UHF	18 VX160	
Kanapaha Middle	Motorola	SP50	21	10-channel	VHF	New UHF	21 VX160	
Lincoln Middle	Motorola	SP50	7	10-channel	VHF	New UHF		
	Kenwood	TK 2100	16		VHF	New UHF		
	Vertex	VX160	9	16-channel	VHF	New UHF	32 VX160	
Mebane Middle	Motorola	SP50	9	10-channel	VHF	New UHF		
	Vertex	VX160	6	16-channel	VHF	New UHF		
	Maxxon	SP310	2		VHF	New UHF	17 VX160	

School	Manu.	Model	Total	Channel Cap.	Freq.	Action	Purchase	Options
Oak View Middle	Motorola	SP50+	6	10-channel	VHF	New UHF		
	Motorola	SP50	7	10-channel	VHF	New UHF		
	Vertex	VX160	5	16-channel	VHF	New UHF	18 VX160	
Westwood Middle								
Vertex	VX160	22	16-channel	VHF	New UHF	22 VX160	2 radios	
Buchholz High								
Motorola	SP50	4	10-channel	UHF	Reprog1			3 broken
-	Motorola	SP50+	22	10-channel	UHF	Reprog17	27	10 radios
-	Vertex	VX160	10	16-channel	UHF	Reprog9	REPRG.	5 broken
-	=	=	9	=		New UHF	9 VX160	1 broken
Eastside High								
Vertex	VX160	30	16-channel	UHF	Reprog.	30	REPRG.	New
Gainesville High								
Vertex	Standard VX160	25	16-channel	VHF	New UHF	25 VX160	5 radios	
Hawthorne High								
Motorola	Radius SP50 & SP50+	9	10-channel	VHF	New UHF			
Vertex	VX160	6	16-channel	VHF	New UHF	15 VX160		
Loften High								
Motorola	SP50	5	10-channel	VHF	New UHF			4 radios
Motorola	SP110	1		VHF	New UHF			
Vertex	VX160	3	16-channel	VHF	New UHF			
Legacy	?	3		VHF	New UHF	12 VX160		
Newberry High								
Motorola	Radius SP50 & SP50+	8	10-channel	VHF	New UHF			
Vertex	VX160	2	16-channel	VHF	New UHF	10 VX160		
Santa Fe High								
Motorola	Radius SP50+	12	10-channel	VHF	New UHF			3 radios
Vertex	VX160	5	16-channel	VHF	New UHF	17 VX160		
Anchor Center								
Motorola	Radius SP50+	16	10-channel	UHF	Reprog.	16	REPRG.	
A. Quinn Jones								
Motorola	XTN xv2100; mv22cv; mv21cv	22	6 with/2 channel 8/with 1 channel	VHF	New UHF	22 VX160		
Sidney Lanier								
Motorola	SP50	11	10-channel	UHF	Reprog10	11		1 broken
-	Motorola	CP200	3	4-channel	UHF	New UHF	REPRG	10 radios
=	Vertex	VX160	4	16-channel	UHF	Reprog.	4 VX160	
Lake Forest ES								
Vertex	VX160	12	16-channel	UHF	Reprog7	7 REPRG		5 broken
		5		UHF	New UHF	5 VX160		7 radios