



REVISED

# AGENDA REQUEST FORM

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ITEM No.:

EE-7.

MEETING DATE	2019-01-15 10:05 - Regular School Board Meeting
AGENDA ITEM	ITEMS
CATEGORY	EE. OFFICE OF STRATEGY & OPERATIONS
DEPARTMENT	Procurement & Warehousing Services

Special Order Request	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Time		
Open Agenda	<input checked="" type="radio"/> Yes	<input type="radio"/> No

TITLE:

Recommendation for Additional Spending Authority - 17-172E - Portable Two Way Radios, Repeaters and Accessories

### REQUESTED ACTION:

Approve an additional spending authority for the above Invitation to Bid (ITB) Contract Term: March 22, 2017 through April 30, 2020, 3 Years with an Option for Two (2) Additional One (1) Year Renewal Periods; User Department: Information & Technology; Additional Requested Amount: \$2,000,000; New Award Amount: \$3,100,000; Awarded Vendor(s): International Radio LLC; Bear Communications Inc.; Communication Service Co. of Daytona, Inc.; Small/Minority/Women Business Enterprise Vendors: None; and approve funding in amount of \$2,000,000.

### SUMMARY EXPLANATION AND BACKGROUND:

The Invitation to Bid (ITB) 17-172E -Two Way Radios, Repeaters and Accessories will be utilized District-wide to enhance the District's communication applications. The scope of the bid includes the purchase, programming and warranty repair services of new radios. The additional spending request will provide for the additional purchase of portable radios and repeaters to enhance radio reliability and reach, that meet the Federal Communication Commission digital requirements and the Broward County Government's proposed radio system.

A copy of the Bid documents is available online at:

[http://www.broward.k12.fl.us/supply/agenda/17-172E\\_PortableTwoWayRadiosRepeatersandAccessories.pdf](http://www.broward.k12.fl.us/supply/agenda/17-172E_PortableTwoWayRadiosRepeatersandAccessories.pdf)

### SCHOOL BOARD GOALS:

Goal 1: High Quality Instruction     Goal 2: Continuous Improvement     Goal 3: Effective Communication

### FINANCIAL IMPACT:

The estimated financial impact to the District will be \$2,000,000. The contract award amount was for \$1,100,000. The request is to increase the spending authority by \$2,000,000, bringing the new contract value to \$3,100,000. There is an additional budget impact. ~~These funds in the amount of \$2,000,000~~ Funding for this will come from the capital budget allocated reserve as presented when the DEFP was adopted at the September 5, 2018, special school board meeting (Security Risk Assessment, 5-1-2 Items No. 1, 2, 3). The financial impact amount represents an estimated contract value. The amount authorized will not exceed the estimated

### EXHIBITS: (List)

(1) Executive Summary (2) Recommendation Tabulation - 3-21-2017 (3) Financial Analysis Worksheet (4) Memo to Revise

### BOARD ACTION:

**APPROVED**

(For Official School Board Records Office Only)

### SOURCE OF ADDITIONAL INFORMATION:

Name: Anthony Hunter	Phone: 754-321-2607
Name: Mary C. Coker	Phone: 754-321-0501

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA  
Senior Leader & Title

Maurice L. Woods - Chief Strategy & Operations Officer

Signature

Maurice Woods

1/11/2019, 2:20:50 PM

Approved In Open  
Board Meeting On:

JAN 15 2019

By:

School Board Chair

Electronic Signature

Form #4189 Revised 08/04/2017  
RWR/ MLW/MCC/AH:mbw

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA  
OFFICE OF THE SUPERINTENDENT

ROBERT W. RUNCIE  
SUPERINTENDENT OF SCHOOLS

January 11, 2019

TO: School Board Members

FROM: Maurice L. Woods *MLW*  
Chief Strategy & Operations Officer

VIA: Robert W. Runcie *RWR*  
Superintendent of Schools

SUBJECT: **REVISION TO EE-7, RECOMMENDATION FOR ADDITIONAL SPENDING AUTHORITY - 17-172E - PORTABLE TWO WAY RADIOS, REPEATERS AND ACCESSORIES, FOR THE JANUARY 15, 2019, REGULAR SCHOOL BOARD MEETING**

A revision was made to EE-7, Recommendation for Additional Spending Authority - 17-172E - Portable Two Way Radios, Repeaters and Accessories, for the January 15, 2019, Regular School Board Meeting.

Exhibits:

- Revised ARF
- Revised page 2 of Executive Summary
- Replaced Financial Analysis Worksheet

RWR/MLW/MCC:bm  
Attachment(s)

cc: Senior Leadership Team

## EXECUTIVE SUMMARY

### Recommendation for Additional Spending Authority 17-172E – Portable Two Way Radios, Repeaters and Accessories

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#### Introduction

**Responsible: Procurement & Warehousing Services (PWS)**

This request is to approve the recommendation for additional spending authority for Invitation to Bid (ITB) 17-172E – Portable Two Way Radios, Repeaters and Accessories. The ITB was approved at the School Board regular meeting on March 21, 2017, with a contract term of three (3) years from March 22, 2017 through April 30, 2020, with a renewal option for two (2) additional one (1) year periods. The item approves a total of \$4,500,000 allocation to cover the \$2,000,000 in spending authority for this ITB to fund security measures discussed when the District Educational Facilities Plan (DEFP) was approved on September 5, 2018. The spending request for this item address the repair and replacement of obsolete or non-working repeaters to enhance full school campus wide coverage and the purchase of additional portable radios for school staff.

*This item is brought in cooperation with EE-08 - 59-091E – Mobile Radios, Accessories and Services to satisfy the funding of security needs as identified in the slide identified below.*

#### Goods/Services Description

**Responsible: Information & Technology (I & T)**

As part of the 2017-2018 capital budget, the School Board approved initial spend authority for this project. Below is a brief recap of the history related to this project:

#### Safe Haven Report/Recommendations:

- Broward County's proposed radio system will reach readiness around March 2019.
- The radio system is still in the planning/build-out phase, and Broward County Public Schools (BCPS) must make sure that its capabilities are understood and how best to migrate.

#### Broward County Radio System:

- Broward County's proposed radio system will reach readiness around March 2019.
- The radio system is still in the planning/build-out phase, and BCPS must make sure that its capabilities are understood and how best to migrate.
- There are various parties within BCPS that are utilizing the current county system (Transportation, PPO, etc.).

#### Project Goals:

- Effective communications with current campus systems. Extending additional portable radios as required to individual schools.

#### This project will provide the following enhancements:

- Repair/Replace all obsolete or non-working repeaters.
- Add new repeaters to fill in blind spots where needed.
- Add additional portable radios for school staff as required.

**Recommendation for Additional Spending Authority**  
**17-172E – Portable Two Way Radios, Repeaters and Accessories**  
~~December 18, 2018~~ January 15, 2019 Board Agenda  
Page 2

**Procurement Method**  
**Responsible: PWS**

The solicitation for this ITB ran from December 12, 2016 through January 23, 2017. Four hundred and fifty-seven (457) vendors were notified, twenty-four (24) vendors downloaded the ITB and three (3) bids were received prior to opening. The bid award was based on the lowest price received for each group to one primary and one alternate responsive and responsible bidder. The awarded vendors for this ITB was International Radio LLC, Bear Communication Inc., and Radio One Communication.

**Financial Impact**  
**Responsible: PWS and I & T**

The additional spending authority for this ITB of \$2,000,000 is for the purchase of Items No. 1, 2 and 3 of the Funding Security Needs table below:

<b>Funding Security Needs</b>	
<b>ITEM DESCRIPTION</b>	<b>BUDGET REQUEST</b>
<b>5.1.2 Investment in portable radios and, as needed equipment to boost radio reliability and reach. These efforts should be accomplished in alignment with the Broward County Government's radio upgrade plan:</b>	
<b>Item #1: Repair/Replace all obsolete or non-working repeaters to enhance full campus wide coverage at all schools (Included in Item #2 Below)</b>	
<b>Item #2: Add new repeaters to fill in blind spots where needed. (100 @ \$15,000 each)</b>	<b>\$1,500,000</b>
<b>Item #3: Add additional radios for school staff. (1,111 @ \$450 each)</b>	<b>\$500,000</b>
<b>Item #4: Purchase new radios for school buses and key personnel and migrate to Broward County's new radio system</b>	<b>\$2,000,000</b>
<b>5.1.2: Professional/Technical Services</b>	<b>\$500,000</b>
<b>TOTAL BUDGET REQUESTED AMOUNT FOR 5.1.2</b>	<b>\$4,500,000</b>

These funds in the amount of \$2,000,000 Funding for this will come from the capital budget allocated reserve as presented when the District Educational Facilities Plan was adopted at the ~~September 5, 2018 Special School Board meeting (Security Risk Assessment, 5.1.2 Items No. 1, 2 & 3)~~. The amount requested was determined based on the Department's requirement to satisfy the needs of the District. The previously approved contract award was \$1,100,000; the new contract award for this ITB is \$3,100,000. The financial impact amount represents an estimated contract value; however, the amount authorized will not exceed the estimated contract award amount.

The School Board of Broward County, Florida  
Procurement & Warehousing Services

ITB / RFP No.: 17-172E Tentative Board Meeting Date\*: MARCH 21, 2017  
 Description: PORTABLE TWO WAY RADIOS, REPEATERS AND Notified: 457 Downloaded: 24  
ACCESSORIES ITB / RFP Rec'd: 3 No. Bids: 0  
 For: VARIOUS LOCATIONS ITB / RFP Opening: JANUARY 23, 2017  
 Fund: VARIOUS FUNDS Advertised Date: DECEMBER 15, 2016

**POSTING OF ITB / RFP RECOMMENDATION/TABULATION:** ITB / RFP Recommendations and Tabulations will be posted in the Procurement & Warehousing Services and [www.Demandstar.com](http://www.Demandstar.com) on **JANUARY 30, 2017 at 3:00 pm** and will remain posted for 72 hours. Any person who is adversely affected by the decision or intended decision shall file a notice of protest, in writing, within 72 hours after the posting of the notice of decision or intended decision. The formal written protest shall be filed within ten (10) days after the date the notice of protest is filed. Failure to file a notice of protest or failure to file a formal written protest shall constitute a waiver of proceedings under this chapter. Section 120.57(3)(b), Florida Statutes, states that "The formal written protest shall state with particularity the facts and law upon which the protest is based." Saturdays, Sundays, state holidays and days during which the District is closed shall be excluded in the computation of the 72-hour time period provided. Filings shall be at the office of the Director of Procurement & Warehousing Services, 7720 West Oakland Park Boulevard, Suite 323, Sunrise, Florida 33351. Any person who files an action protesting an intended decision shall post with the School Board, at the time of filing the formal written protest, a bond, payable to The School Board of Broward County, Florida, (SBBC), in an amount equal to one percent (1%) of the estimated value of the contract. Failure to post the bond required by SBBC Policy 3320, Part VIII, Purchasing Policies, Section N, within the time allowed for filing a bond shall constitute a waiver of the right to protest.

(\* The Cone of Silence, as stated in the ITB / RFP, is in effect until this ITB / RFP is approved by SBBC. The Board meeting date stated above is tentative. Confirm with the Purchasing Agent of record for the actual date the Cone of Silence has concluded.

**RECOMMENDATION TABULATION**

IN ORDER TO MEET THE NEEDS OF SBBC, ITEMS ARE BEING AWARDED BY GROUP TO ONE (1) PRIMARY AND ONE (1) ALTERNATE BIDDER MEETING SPECIFICATIONS.

	<u>ITEM</u>	<u>PRIMARY AWARDEE</u>	<u>ALTERNATE AWARDEE</u>
GROUP 1	RADIOS	INTERNATIONAL RADIO LLC	COMMUNICATIONS SERVICE CO. OF DAYTONA, INC.
GROUP 2	REPEATER & INSTALLATION	BEAR COMMUNICATIONS INC.	COMMUNICATIONS SERVICE CO. OF DAYTONA, INC.
GROUP 3	ACCESSORIES	INTERNATIONAL RADIO LLC	BEAR COMMUNICATIONS INC.
GROUP 4	OPTIONS & FEATURES	INTERNATIONAL RADIO LLC	BEAR COMMUNICATIONS INC.
GROUP 5	LICENSURE	COMMUNICATIONS SERVICE CO. OF DAYTONA, INC.	
GROUP 6	HOURLY SERVICES	BEAR COMMUNICATIONS INC.	COMMUNICATIONS SERVICE CO. OF DAYTONA, INC.
GROUP 7	SOFTWARE	BEAR COMMUNICATIONS INC.	INTERNATIONAL RADIO LLC

CONTRACT PERIOD: MARCH 22, 2017, THROUGH APRIL 30, 2020.



By: \_\_\_\_\_ Date: 1-30-2017  
 (Purchasing Agent)

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination complaint, may call the Executive Director, Benefits & EEO Compliance at 754-321-2150 or Teletype Machine (TTY) at 754-321-2158.



THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA				BEARCOM		INTERNATIONAL RADIO LLC		COMMUNICATIONS SERVICE CO. OF DAYTONA, INC.	
BID TABULATION SHEET									
Item	Description	Quantity	Unit	Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension
1A	Radio, Two Way UHF Portable 16 Channel, Non-Display Digital/Analog	3,500	Ea	366.00	\$ 1,281,000.00	\$ 341.80	\$ 1,196,300.00	348.00	1,218,000.00
1B	Radio, Two Way UHF Portable 128 Channel, Display Digital/Analog	200	Ea	398.00	\$ 79,600.00	\$ 377.00	\$ 75,400.00	422.00	84,400.00
1C	Radio, Two Way UHF Portable 1000 Channel, Display Digital Analog XPR 7550	100	Ea	735.00	\$ 73,500.00	\$ 693.48	\$ 69,348.00	775.00	77,500.00
<b>TOTAL GROUP 1A-1C</b>					\$ 1,434,100.00		\$ 1,341,048.00		1,379,900.00
2A	Repeater, Two Way Radio UHF Digital/Analog	150	Ea	2,250.00	\$ 337,500.00	No Bid	No Bid	2,300.00	345,000.00
2B	Associated Installation Equipment for Repeater Installation	50	Ea	4,000.00	\$ 200,000.00	No Bid	No Bid	5,500.00	275,000.00
<b>TOTAL GROUP 2A-2B</b>					\$ 537,500.00				620,000.00
3A	Antenna, Whip 6" for CP200/HT750 Portable Radio (Replacement Part)	250	Ea	8.57	\$ 2,142.50	\$ 8.50	\$ 2,125.00	10.00	2,500.00
3B	Antenna, Whip 6" for XPR3300/3500 Portable Radio (Replacement Part)	250	Ea	7.44	\$ 1,860.00	\$ 7.25	\$ 1,812.50	8.00	2,000.00
3C	Antenna, Stubby for XPR3300/3500 Portable Radio (Replacement Part)	150	Ea	7.44	\$ 1,116.00	\$ 7.25	\$ 1,087.50	8.00	1,200.00
3D	Charger, CP Radio, Single Radio Battery with Plug (Replacement Part)	200	Ea	13.71	\$ 2,742.00	\$ 39.25	\$ 7,850.00	42.00	8,400.00
3E	Charger, XPR3300/3500/6500/7500 Series Radio, Single Radio Battery with Plug IMPRESS Capable (Replacement Part)	100	Ea	19.45	\$ 1,945.00	\$ 41.70	\$ 4,170.00	50.00	5,000.00
3F	Clip, Belt for CP200 Portable Radio (Replacement Part)	300	Ea	3.96	\$ 1,188.00	\$ 3.68	\$ 1,104.00	5.00	1,500.00
3G	Clip, Belt XPR3300/3500 Portable Radio (Replacement Part)	300	Ea	7.42	\$ 2,226.00	\$ 6.90	\$ 2,070.00	8.00	2,400.00
3H	Clip, Belt HT750 Portable Radio (Equipment Part)	100	Ea	7.42	\$ 742.00	\$ 6.90	\$ 690.00	9.00	900.00
3I	Battery, CP200 Portable Radio (Li-Ion) 2250 mAh to be used with charger WPLN4138 (Replacement Part)	300	Ea	45.00	\$ 13,500.00	\$ 43.58	\$ 13,074.00	65.00	19,500.00
3J	Battery, XPR3300/3500 Portable Radio Standard Battery 1500 mAh (Li-Ion) (NON-impress) (Replacement Part)	500	Ea	61.00	\$ 30,500.00	\$ 58.70	\$ 29,350.00	80.00	40,000.00
3K	Battery, XPR3300/3500 Portable Radio IMPRES Slim Battery 1500 mAh (Li-Ion) (Replacement Part)	500	Ea	44.00	\$ 22,000.00	\$ 43.40	\$ 21,700.00	70.00	35,000.00
3L	Battery, XPR3300/3500/7000 Series Hi-Cap Portable Radio IMPRES 2700 mAh (Li-Ion) (Replacement Part)	300	Ea	87.00	\$ 26,100.00	\$ 81.50	\$ 24,450.00	5,100.00	1,530,000.00
3M	Battery, XTS2500 Series IMPRESS 2100 mAh (NiMH) (Replacement Part)	200	Ea	59.00	\$ 11,800.00	\$ 57.90	\$ 11,580.00	90.00	18,000.00
3N	Battery, Motorola HT750/HT120/MTS2000 Portable Radios 1900 mAh (NiMH) (Replacement Part)	350	Ea	35.48	\$ 12,418.00	\$ 34.00	\$ 11,900.00	60.00	21,000.00
3O	Battery, Motorola EX500 Portable Radios 1300 mAh (Li-Ion) (Replacement Part)	150	Ea	61.25	\$ 9,187.50	\$ 59.25	\$ 8,887.50	85.00	12,750.00

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA				BEARCOM		INTERNATIONAL RADIO LLC		RADIO ONE - COMMUNICATIONS SERVICE COMPANY	
BID TABULATION SHEET									
Item	Description	Quantity	Unit	Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension
3P	Battery, ICOM F-21 Radios (Replacement Part)	300	Ea	49.00	\$ 14,700.00	\$ 31.50	\$ 9,450.00	50.00	15,000.00
3Q	Battery, APX 4000 Series Portable Radio IMPRES 1900 mAh (Li-Ion) (Replacement Part)	50	Ea	65.50	\$ 3,275.00	\$ 63.25	\$ 3,162.50	95.00	4,750.00
3R	Battery, APX 4000 Series Hi-Cap Portable Radio IMPRES 2300 mAh (Li-Ion) (Replacement Part)	50	Ea	76.35	\$ 3,817.50	\$ 74.00	\$ 3,700.00	95.00	4,750.00
3S	Battery, APX 6000/7000 Series Portable Radio IMPRES 2150 (Li-Ion) (Replacement Part)	300	Ea	87.50	\$ 26,250.00	\$ 84.00	\$ 25,200.00	100.00	30,000.00
3T	Battery, APX 6000/7000 Series Hi-Cap Portable Radio IMPRE2900 mAh (Li-Ion) (Replacement Parts)	300	Ea	103.00	\$ 30,900.00	\$ 99.63	\$ 29,889.00	120.00	36,000.00
3V	Mag One Swivel Earpiece with In-Line Microphone and Push-To-Talk for XPR3000 Series Radio (Over the Ear)	300	Ea	24.75	\$ 7,425.00	\$ 24.00	\$ 7,200.00	30.00	9,000.00
3W	Mag One Earbud with In-Line Microphone and Push-To-Talk for XPR3000 Series Radios	100	Ea	14.50	\$ 1,450.00	\$ 13.80	\$ 1,380.00	18.00	1,800.00
3X	Motorola Earpiece with In-Line Microphone and Push-To-Talk for CP200 Radio (Over the Ear)	100	Ea	18.80	\$ 1,880.00	\$ 18.00	\$ 1,800.00	24.00	2,400.00
3Y	Motorola Two Wire Earpiece and Microphone with Clear Translucent Tube	100	Ea	33.40	\$ 3,340.00	\$ 32.25	\$ 3,225.00	42.00	4,200.00
3Z	Motorola Replacement Translucent Tubes for Earpiece. Low Noise Kit with Translucent Tube and 1 Clear Rubber Ear Tip. For use on PMNL7269	100	Ea	3.75	\$ 375.00	\$ 3.65	\$ 365.00	6.72	672.00
3AA	Motorola Replacement Custom Earpiece for Left or Right, Small, Medium or Large. For use on PMNL6242 and PMLN7269. School must specify size and side when ordering	100	Ea	14.10	\$ 1,410.00	\$ 13.50	\$ 1,350.00	15.00	1,500.00
3BB	Antenna, ICOM F-21 Radios (Replacement Part) 430-470MHz	100	Ea	7.95	\$ 795.00	\$ 7.80	\$ 780.00	12.00	1,200.00
<b>TOTAL GROUP 3A-3BB</b>					<b>\$ 235,084.50</b>	<b>\$ 229,352.00</b>	<b>\$ 1,811,422.00</b>		
4A	Premium System Software: Capacity Plus Single Site Digital Trunking Upgrade	50	Ea	1,050.00	\$ 52,500.00	\$ 1,039.50	\$ 51,975.00	1,200.00	60,000.00
4B	Premium System Software: Linked Capacity Plus Upgrade from Capacity Plus	50	Ea	2,100.00	\$ 105,000.00	\$ 2,079.00	\$ 103,950.00	2,600.00	130,000.00
4C	Premium System Software: Digital Voting Operation	50	Ea	800.00	\$ 40,000.00	\$ 779.00	\$ 38,950.00	925.00	46,250.00
4D	Premium System Software: Dynamic Mixed Mode Upgrade License	50	Ea	160.00	\$ 8,000.00	\$ 156.00	\$ 7,800.00	195.00	9,750.00
4E	Premium System Software: Enhanced Scheduled GPS License	10	Ea	475.00	\$ 4,750.00	\$ 467.78	\$ 4,677.80	565.00	5,650.00
4F	Premium System Software: Restricted Access to System Security	10	Ea	160.00	\$ 1,600.00	\$ 156.00	\$ 1,560.00	195.00	1,950.00
<b>TOTAL GROUP 4A-4F</b>					<b>\$ 211,850.00</b>	<b>\$ 208,912.80</b>	<b>253,600.00</b>		

Item	Description	Quantity	Unit	BEARCOM		INTERNATIONAL RADIO LLC		RADIO ONE - COMMUNICATIONS SERVICE COMPANY	
				Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension	Bid Unit Price	Bid Price Extension
5A	SBBC cost for FCC License for emission designator change for existing license. Cost is to add TRBO and or digital emissions to existing license.	50	Ea	No Bid	No Bid	No Bid	No Bid	200.00	10,000.00
5B	SBBC cost for NEW FCC License and associated frequency Coordination with emission designators for Analog, Digital Mototrbo and Trunked Mototrbo.	20	Ea	No Bid	No Bid	No Bid	No Bid	1,200.00	24,000.00
<b>TOTAL GROUP 5A-5B</b>									<b>34,000.00</b>
6A	Hourly labor cost for radio technician to perform various tasks	500	Hourly	70.00	\$ 35,000.00	No Bid	No Bid	80.00	40,000.00
<b>TOTAL GROUP 6A</b>					<b>\$ 35,000.00</b>				<b>40,000.00</b>
7A	Cost for TRBONET Software	1	Ea	69,590.00	\$ 69,590.00	\$ 80,427.80	\$ 80,427.80	64,220.00	64,220.00
7B	Cost for TRBONET Software	1	Ea	48,200.00	\$ 48,200.00	\$ 43,320.95	\$ 43,320.95	55,015.00	55,015.00
7C	Cost for TRBONET PLUS Software	1	Ea	54,000.00	\$ 54,000.00	\$ 51,691.74	\$ 51,691.74	61,800.00	61,800.00
<b>TOTAL GORUP 7A-7B</b>					<b>\$ 171,790.00</b>		<b>\$ 175,440.49</b>		<b>181,035.00</b>



