



SOUTH SAN ANTONIO INDEPENDENT SCHOOL DISTRICT

Agenda Item Summary

Meeting Date: September 19, 2018

Purpose: ☐ Presentation/Report ☐ Recognition ☐ Discussion/ Possible Action

☐ Closed/Executive Session ☐ Work Session ☐ Discussion Only ☒ Consent

From: Gary Long, Safety and Security Coordinator

Michael Balderrama, Executive Director of School & Community Partnerships

Item Title: Purchase of a digital radio system.

Description:

The District is proposing to purchase digital radios that will give us the ability to increase communication for campuses, transportation, and ISD Police.

Recommendation:

Approve the purchase of digital radios to increase communication for campuses, transportation, and ISD Police.

District Goal/Strategy:

Strategy 5 We will promote and ensure a safe and secure learning environment for all students.

Funding Budget Code and Amount:

199 not to exceed \$100,000.00

CFO Approval

APPROVED BY:

SIGNATURE

DATE

Chief Officer:

9/14/18

Superintendent:

9/14/18



QUOTATION

106001761

6712 Randolph Blvd
San Antonio, TX 78233
Phone: (800) 741-5073
Fax: 210-656-5182

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Bill To:

South San ISD - Trans. Dept.
A/P Dept.
5622 Ray Ellis Blvd
San Antonio, TX 78242

Ship To:

South San ISD - Trans. Dept.
A/P Dept.
5622 Ray Ellis Blvd
San Antonio, TX 78242

Contact: Jesse Berlanga

Contact #: 210-977-7075

Cell#:

Email: jberlanga@southsanisd.net

Date: 08/30/2018 Customer Rep: Brian Sherman

Terms: Net 10 days

Qty	Item	Description	Unit Price	Extended
Notes:				
Police Department, Transportation, Schools, GPS Software for buses/patrol, SAPD to SSAISD Cross Connect				
1	*MISC		0.00	0.00
		Police Department Radios		
1	TKR-D810K	UHF DIGITAL REPEATER 450-520MHz, 5-40W	2,500.00	2,500.00
1	70-114	Duplexer, 50-watt UHF (450-470) min separation 5 Mhz pretune 457 rx 452 tx	450.00	450.00
1	DB-408B	Decibel UHF 6 db gain dipole antenna	1,075.00	1,075.00
1	FSINSTALL	Fixed station install tower climb, install new antenna and coax on stadium light standard; tune duplexer, configure repeater for 2 channels (voice/GPS or voice/district emergency voice) digital emissions	3,200.00	3,200.00
15	NX-3300K2-LKVP	Kenwood UHF portable radio pkg radio, 400-520 MHz Standard Key Model	802.00	12,030.00
15	52-609	KMC-42WM heavy-duty spkr/mic certified for water immersion	109.00	1,635.00
15	PROGRAM	Program customer equipment	25.00	375.00
15	KEP-1	EARPHONE (3.5MM)	52.50	787.50
10	NX-3820HGK	NX-3820 50W digital mobile GPS 450-520 MHz NXDN, conventional and LTR trunking	684.00	6,840.00
10	KRA-40GM	GPS MOBILE ANTENNA	42.00	420.00
10	PROGRAM	Program customer equipment	45.00	450.00
10	FLDINSTALL BASIC	Field install mobile equipment Basic level of effort	150.00	1,500.00
		Install mobile and GPS antenna		
1	*MISC		0.00	0.00
T				



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Qty	Item	Description	Unit Price	Extended
2	NX-3820HGK	Transportation Radios NX-3820 50W digital mobile GPS 450-520 MHz NXDN, conventional and LTR trunking	684.00	1,368.00
2	45-600	PD dispatch and Emergency Kenwood control station power supply (switching 23A) 15 Amp output KPS-15	174.00	348.00
2	45-603	Kenwood KMB-34 mounting case for new series mobiles	42.00	84.00
2	43-600	Kenwood desktop microphone KMC-9C	82.00	164.00
1	15-001A	UHF yagi - 3 db gain antenna, 75ft RG8, connectors	250.00	250.00
2	CSINSTALL	Install control station Transportation Dispatch and Emergency	350.00	700.00
2	PROGRAM	Program customer equipment	45.00	90.00
1	TKR-D810K	UHF DIGITAL REPEATER 450-520MHz, 5-40W	2,500.00	2,500.00
1	70-114	Duplexer, 50-watt UHF (450-470) min separation 5 Mhz pretune 457 rx 452 tx	450.00	450.00
1	DB-408B	Decibel UHF 6 db gain dipole antenna	1,075.00	1,075.00
1	FSINSTALL	Fixed station install tower climb, install new antenna and coax on stadium light standard; tune duplexer, configure repeater for 2 channels (voice/GPS or voice/district emergency voice) digital emissions	3,200.00	3,200.00
45	TK-D840HUK	450-520 MHz uhf 45W, 16 CH/2 ZONE	435.00	19,575.00



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Terms: Net 10 days

Qty	Item	Description	Unit Price	Extended
45	GPS15XL-W	Internal GPS receiver board for KW mobiles	130.25	5,861.25
45	GA25MCX	GPS antenna	62.00	2,790.00
45	FLDINSTALL BASIC	Field install mobile equipment Basic level of effort	150.00	6,750.00
45	PROGRAM	Program customer equipment	45.00	2,025.00
2	NX-3820HGK	NX-3820 50W digital mobile GPS 450-520 MHz NXDN, conventional and LTR trunking	684.00	1,368.00
		Two control stations for transportation dispatch		
2	45-600	Kenwood control station power supply (switching 23A) 15 Amp output KPS-15	174.00	348.00
2	45-603	Kenwood KMB-34 mounting case for new series mobiles	42.00	84.00
2	43-600	Kenwood desktop microphone KMC-9C	82.00	164.00
2	CSINSTALL	Install control station	350.00	700.00
2	PROGRAM	Program customer equipment	25.00	50.00
5	NX-3320K2-LKVP	NX-3320K2 UHF prtbl pkg incl batty, ant, chrgr	714.00	3,570.00
5	PROGRAM	Program customer equipment	25.00	125.00
1	*MISC		0.00	0.00
		School Campus and Administrator Radios		
42	TK-D340UK	Kenwood DMR 450-520 prtbl radio pkg	409.00	17,178.00
42	PROGRAM	Program customer equipment	25.00	1,050.00
1	Trade-in		-2,500.00	-2,500.00
		Trade in approximately 75 mobiles/portables and repeater, Kenwood rebate (50 from transportation, 25		



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Cell#:

Email: jberlanga@southsanisd.net

Date: 08/30/2018 Customer Rep: Brian Sherman

Terms: Net 10 days

Qty	Item	Description	Unit Price	Extended
		from PD)		
1	FCCLICENSE	FCC License Filing	1,500.00	1,500.00
		Revise 3 existing FCC licenses for digital emissions, include 10 talk around channels for schools		
1	*MISC		0.00	0.00
		SAPD to SSA/ISD cross connect		
1	NCS-151	Two-radio cross connect w/audio/PTT dela	950.00	950.00
1	*MISC		120.00	120.00
		Radio interface cables (TBD)		
4	CONFIGURE	Configure equipment as require for install	100.00	400.00
1	NCS-E217	Electret microphone	70.00	70.00
1	VM5930	7/800 Mhz P25 trunking dash mount	2,428.00	2,428.00
1	NX-3820HGK	NX-3820 50W digital mobile GPS 450-520 MHz NXDN, conventional and LTR trunking	684.00	684.00
1	45-600	Kenwood control station power supply (switching 23A) 15 Amp output KPS-15	174.00	174.00
2	PROGRAM HR	Hourly programming rate Bulk programming template build fixed station	100.00	200.00
1	CSINSTALL	Install control station	1,200.00	1,200.00
1	20% Buyboard Discount		-21,671.15	-21,671.15

THANK YOU FOR YOUR BUSINESS!

Subtotal : \$86,684.60
Tax : \$0.00
Total Quote : \$86,684.60



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Contact: Jesse Berlanga

Contact #: 210-977-7075

Cell#:

Email: jberlanga@southsanisd.net

Date: 09/05/2018		Customer Rep: Jennifer Loney		Terms: Net 10 days	
Qty	Item	Description	Unit Price	Extended	

Notes:

Gold maintenance agreement for repeaters, control stations, mobiles, and portables

2	GOLD MA	Gold Maintenance Agreement PD Repeater and Transportation Repeater Rate is \$25/mo during 2 year warranty period. Rate will increase to \$50/mo thereafter.	25.00	50.00	
4	GOLD MA	Gold Maintenance Agreement 2 control stations for PD/Dispatch Emergency and 2 control stations for Transportation Rate is \$12.50/mo during 2 year warranty period. Rate will increase to \$25/mo there after.	12.50	50.00	
1	GOLD MA	Gold Maintenance Agreement SAPD to SS SAISD Cross Connect base station Rate is \$37.50/mo during the 2 year warranty period. Rate increases to \$75/mo thereafter.	37.50	37.50	
117	GOLD MA	Gold Maintenance Agreement All portable and mobile radios Rate is \$6/mo during the 2 year warranty period. Rate increases to \$12/mo thereafter.	6.00	702.00	

THANK YOU FOR YOUR BUSINESS!

Subtotal : \$839.50
 Tax : \$0.00
 Total Quote : \$839.50

RADIOS:

- **Company is S&P Communications**
- **Radio Breakdown:**
 - **Police Department and Safety and Security Coordinator: Can communicate with all 13 campuses, transportation, and SAPD, SPFD and EMS**
 - **(10) vehicle radios**
 - **(15) portable radios for officers**
 - **(1) base station for the dispatcher**
 - **(1) for Safety Coordinator**
 - **Transportation: Can communicate bus to bus, with the campuses, and ISD Police**
 - **(45) Bus Radios**
 - **(4) Portable radios for staff**
 - **(2) Base station for dispatcher**
 - **Administration/Schools: - Can communicate among the campus, Transportation Dispatch, and ISD Police Dispatch**
 - **(37) Portable radios**
 - **(2) per elementary school- (18)**
 - **(3) per middle school- (9)**
 - **(10) per high school- (10)**
- **This will also convert the middle schools and elementary schools from an analog system to a digital system. The high school runs on a digital system.**
- **Will have an "Emergency Channel" that will allow the entire District to communicate at one time.**
- **Total of 117 portable and mobile radios**
- **Total of (2) Repeaters and (4) Control Stations**
- **(2) Year Warranty on portable radios, mobiles, control station, and repeaters**
- **(1) Year Warranty on battery, power supplies, and charges**
- **Service agreement is available for all equipment for the first 2 years (\$839.50 a month)**
- **Service agreement is available for all equipment starting the 3rd year and on (\$1,779.00 a month)**

Total: S&P Communications w/o Service Charge.....\$86,684.60

Yearly Service Charge (Optional).....\$10,074.00

Total: Radio Package and Yearly Service Agreement \$96,758.60

South San ISD Radios

Police Department

Repeater	1
Portables	15
Mobiles	10
Total	26

Transportation Dept

Repeater	1
Control stations	4
Mobiles	45
Portables	5
Total	55

Campus Radios

Portables	42
Total	42

SAPD-SS.SAISD

Control Station	1
Total	1

GRAND TOTAL 124

-2
117 (Mobiles/Portables)

2- Repeaters