



Template for Strategic Investment Funding Proposals, FY 2018

Proposals must be submitted to the YSU Budget Office, no later than February 1, 2018

Section I: Proposal name and contact information

Title / name of proposal:	Upgrade of the YSU Police Radio System
Contact person name and title:	Shawn Varso, Chief of Police
E-mail address:	svvarso@ysu.edu
Phone number:	(330) 941-1570

Section II: Approvals of the appropriate College Dean and/or Division Officer

To certify that the proposal is aligned with the strategic objectives of the department, college or division, signature approvals are required by the appropriate Department Chair or Director, College Dean, and/or area division officer, i.e., Provost, Vice President, Associate VP.	
Signature of Dept. Chair or Director	
Name (printed/typed):	
Title:	
Date:	
Signature of Dean (if applicable):	
Name (printed/typed):	
Title:	
Date:	
Signature of Division Officer:	<i>Shannon Tirone</i>
Name (printed/typed):	Shannon Tirone
Title:	AVP University Relations
Date:	1/29/18

Proposal for Radio System

Section II Description of Proposal and its alignment with the YSU 2020 Strategic Plan

Youngstown State University is located in the middle of the City of Youngstown. Anything that occurs in the City could have an immediate direct impact on the safety of the students, faculty, staff, and visitors of the University. The ability of the YSU Police Department to communicate with those public safety agencies outside of campus such as the Youngstown Police Department and the Mahoning County Sheriff's Office is vital in ensuring the safety of campus. It is important for the YSU Police Department to be able to immediately coordinate resources in the event of an emergency as well as for officers of the YSU Police Department to have situational awareness for the potential of danger which may threaten the campus from the outside.

In 2016, Austintown and Boardman Townships formed a Unified Communications District. This district installed the infrastructure for a new county wide radio network. Other public safety departments, seeing the benefits of a unified radio system, joined the district. As of 2018, there are less than four public safety agencies in Mahoning County that do not utilize the new radio system. The Youngstown State University Police Department is one of those agencies. In 2017 the Mahoning County Sheriff's Office as well as the Youngstown Police Department transitioned to the new county-wide radio system. With both of those agencies transitioning to the new system, the only means of communication that the Youngstown State University Police Department has with those agencies as well as a major portion of the other public safety agencies in Mahoning County is through a telephone and a borrowed portable radio from the Youngstown Police Department, which remains in the Dispatch Center of the YSU Police Department. The officers of the YSU Police Department have no contact, nor have any situational awareness outside of the campus with those agencies, specifically with the City of Youngstown

The proposal is to transition the radio system that is currently operated by the Youngstown State University Police Department to the new radio system that is operated by the Austintown Boardman Mahoning County Joint Radio District. YSU would be responsible for the purchase of all equipment that would interface with the radio district's infrastructure to include portable radios, vehicle radios, and dispatch center radios. All infrastructure for the new radio system such as radio towers and channel controllers would be maintained by the Joint Radio District.

The proposal would align with the Student Success Cornerstone of the 2020 Strategic Plan. Transitioning to the new radio system gives the ability to the YSU Police Department to maintain a safe and secure campus community by having immediate situational awareness to potential threats to the campus. It allows the YSU Police Department to mitigate and prevent threats to students, faculty, staff, and visitors, in most cases before they can reach campus. Students are able to achieve their academic goals without being the victim of a preventable criminal act and can continue their college experience without interruption. Additionally by transitioning to a countywide communications system YSU would follow what other four year state universities

have already done. We are able to show that Youngstown State University is investing in the current technology of public safety interoperability. With interoperability of communications, The YSU Police Department can instantaneously call upon other public safety resources in the event of an emergency on campus and better serve the safety needs of campus.

Section III: Shared governance and stakeholder engagement.

The proposal has support from the officers of the Youngstown State University Police Department. The ability to have communication with other public safety agencies is in their view of paramount importance to officer safety. The proposal was also discussed with representatives of the Austintown Boardman Mahoning County Joint Communication District. They believe that having the Youngstown State University Police Department as part of the district is important for the coordination of resources between departments. Youngstown State University provides services outside the campus as part of Memorandum of Understandings and Mutual Aid Agreements (i.e. Mahoning Valley Drug Task Force, Mahoning Valley SWAT Team, Bomb Detection K9, and Mutual Aid with the City of Youngstown covering the areas of the Northside surrounding campus.)

Section IV: Return on Investment.

There would be no new revenue generated by the project. The benefit would be to safety of the students, faculty, and staff of Youngstown State University.

Section V: Proposed funding amount:

Single Year: **\$384,983.29**

Multi Year: **0**

Section VI: Space utilization and or modification.

There is no additional space necessary. Installation of radio equipment at Clingan-Waddell Hall and YSU Police Vehicles is covered in the total cost.

Section VII: Personnel costs.

No additional personnel required.

Section VIII: Enterprise risk management.

There is substantial risk mitigated with the implementation of the proposal. The ability of YSU Police Officers to know what is going on off campus, sometimes one street over, benefits officers' safety as well as the safety of the campus community. The ability to have instantaneous contact between individual YSU Police Officers and Youngstown City Police Officers allows those officers the ability to coordinate resources in areas around campus. This allows that any potential criminal has a greater chance of being detected and stopped before it reaches campus.

There is a substantial risk to campus and officer safety if the proposal is not implemented. As stated in the paragraph above, criminal activity occurring one street over from campus may not be prevented in time to where the health and safety of an officer or student is affected due to it not being prevented.

**MOTOROLA SOLUTIONS****Quote Number: QU0000423156****Effective: 30 NOV 2017****Effective To: 29 JAN 2018****Bill-To:**

YOUNGSTOWN STATE UNIVERSITY
1 UNIVERSITY PLZ
YOUNGSTOWN, OH 44555
United States

Ultimate Destination:

YOUNGSTOWN STATE UNIVERSITY
1 UNIVERSITY PLZ
YOUNGSTOWN, OH 44555
United States

Attention:

Name: Shawn Varso
Phone: 330.727.3969

Sales Contact:

Name: John Csizmadia
Email: john.csizmadia@bearcom.com
Phone: 800.999.3723

Request For Quote: YSU Police Dept.**Contract Number:** OHIO STATE**Freight terms:** FOB Destination**Payment terms:** Net 30 Due

Item	Quantity	Nomenclature	Description	List price	Your price	Extended Price
1	60	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$3,026.00	\$2,208.98	\$132,538.80
1a	60	H301CN	DEL: DELETE BELT CLIP/BASIC CARRY HOLDER	\$-10.00	\$-7.30	\$-438.00
1b	60	H869BZ	ENH: MULTIKEY	\$330.00	\$240.90	\$14,454.00
1c	60	Q629AK	ENH: AES ENCRYPTION	\$475.00	\$346.75	\$20,805.00
1d	60	QA05100AA	ENH:STD WARRANTY APPLIES-NO SFS	-	-	-
1e	60	QA02756AA	ADD: 9600 TRUNKING OR 3600 DIGITAL TRUNKING	\$1,570.00	\$1,146.10	\$68,766.00
2	60	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$150.00	\$112.50	\$6,750.00
3	60	PMMN4099A	AUDIO ACCESSORY-REMOTE SPEAKER MICROPHONE,IMPRES WINDPORTING RSM, IP55	\$132.00	\$99.00	\$5,940.00
4	5	NNTN8844A	CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP, NA/LA-PLUG, ACC USB CHGR	\$1,250.00	\$937.50	\$4,687.50
5	5	NLN7967A	MULTI-UNIT CHARGER WALL MOUNT KIT	\$21.00	\$15.75	\$78.75
6	60	PMLN5657B	CARRY ACCESSORY-CASE,APX6000 CC 2.75 SWLBLE 2900&2150MAH	\$71.50	\$53.63	\$3,217.80
7	60	RLN4941A	REC ONLY EARPIECE W/TRANSLUCET TUBE	\$71.07	\$53.30	\$3,198.00
8	20	PMNN4485A	BATT IMPRES 2 LIION R IP68 2550T	\$127.00	\$95.25	\$1,905.00
9	13	M22URS9PW1AN	APX4500 7/800	\$1,564.00	\$1,141.72	\$14,842.36
9a	13	G843AH	ADD: AES ENCRYPTION APX	\$475.00	\$346.75	\$4,507.75
9b	13	W969BM	ADD: MULTIKEY	\$330.00	\$240.90	\$3,131.70
9c	13	G174AF	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$31.39	\$408.07
9d	13	W22BA	ADD: STD PALM MICROPHONE APEX	\$72.00	\$52.56	\$683.28
9e	13	G67CF	ADD:REMOTE MOUNT MID POWER	\$297.00	\$216.81	\$2,818.53
9f	13	GA05100AA	ENH: STD WARRANTY APPLIES-NO SFS	-	-	-
9g	13	GA00804AA	ADD: APX O2 CONTROL HEAD (Grey)	\$492.00	\$359.16	\$4,669.08
9h	13	G444AH	ADD: APX CONTROL HEAD SOFTWARE	-	-	-
9i	13	B18CR	ADD: AUXILARY SPKR 7.5 WATT	\$60.00	\$43.80	\$569.40
9j	13	GA00235AA	ADD: NO GPS ANTENNA NEEDED	-	-	-
10	10642	SVC03SVC0124D	SUBSCRIBER INSTALL - CUST LOCATION	\$1.00	\$1.00	\$10,642.00
11	2	M37TSS9PW1AN	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$3,482.10	\$6,964.20
11a	2	G67DF	ADD: REMOTE MOUNT MP	\$297.00	\$216.81	\$433.62
11b	2	GA05100AA	ENH: STD WARRANTY APPLIES-NO SFS	-	-	-

Item	Quantity	Nomenclature	Description	List price	Your price	Extended Price
11c	2	G618AC	ADD:CBL REMOTE MOUNT 10 FEET	\$10.00	\$7.30	\$14.60
11d	2	G89AC	ADD: NO RF ANTENNA NEEDED	-	-	-
11e	2	GA00235AE	ADD: NO GPS/WI-FI ANTENNA NEEDED	-	-	-
11f	2	W22BB	ADD: STD PALM MICROPHONE APEX	\$72.00	\$52.56	\$105.12
11g	2	G806BL	ENH: ASTRO DIGITAL CAI OP APEX	\$515.00	\$375.95	\$751.90
11h	2	G51AT	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,095.00	\$2,190.00
11i	2	B18CR	ADD: AUXILARY SPKR 7.5 WATT	\$60.00	\$43.80	\$87.60
11j	2	GA01517AA	DEL: NO J600 ADAPTER CABLE NEEDED	-	-	-
11k	2	G361AH	ADD: P25 TRUNKING SOFTWARE	\$300.00	\$219.00	\$438.00
11l	2	GA05508AA	DEL: DELETE VHF BAND	\$-800.00	\$-584.00	\$-1,168.00
11m	2	GA05509AA	DEL: DELETE UHF BAND	\$-800.00	\$-584.00	\$-1,168.00
11n	2	G442AJ	ADD: O5 CONTROL HEAD	\$432.00	\$315.36	\$630.72
11o	2	G444AH	ADD: APX CONTROL HEAD SOFTWARE	-	-	-
12	2	L3487B	MIP5000 VOIP DISPATCH SW 8 CHANNEL	\$6,500.00	\$5,850.00	\$11,700.00
12a	2	TT05522AA	MIP5000 ENHANCED MODEL USB HEADSET JACKBOX	\$575.00	\$488.75	\$977.50
13	2	TT2833A	COMPUTER, Z440 WORKSTATION WINDOWS 7 (NON RETURNABLE)	\$2,950.00	\$2,655.00	\$5,310.00
14	2	DSTG191B	TECH GLOBAL EVOLUTION SERIES 19INCH NON TOUCH	\$1,398.00	\$1,258.20	\$2,516.40
15	2	CDN6673A	SET OF 2 SPEAKERS-CREATIVE LABS	\$53.75	\$40.31	\$80.62
16	2	DDN9493A	MIP5000 ENHANCED MODEL USB HEADSET JACKBOX	\$575.00	\$431.25	\$862.50
17	2	B1914A	MCC SERIES DESKTOP GOOSENECK MICROPHONE	\$250.00	\$200.00	\$400.00
18	2	BLN6732B	FOOT, SWITCH TRADITIONAL	\$129.00	\$96.75	\$193.50
19	2	L3484AC	MIP5000 VOIP DIGITAL GATEWAY	\$798.00	\$718.20	\$1,436.40
19a	2	TT05980AA	FOR SYSTEMS AT RELEASE 4.1 OR NEWER	-	-	-
20	2	DDN1453A	CORE L2/L3 REDUNDANT AC PSU MLX-4E	\$3,797.00	\$2,847.75	\$5,695.50
21	3	DDN8900A	MIP5000 RACKMOUNT KIT	\$225.00	\$202.50	\$607.50
22	1	CLN1856A	2620-24 ETHERNET SWITCH	\$2,250.00	\$1,687.50	\$1,687.50
23	1	THN1012A	RACK 7' FRU	\$505.25	\$378.94	\$378.94
24	1	DSRGBVKIT145872A	1/4X5/8X72 RACK GRD BAR KIT VERTICAL	\$120.00	\$108.00	\$108.00
25	1	DSSMART2200RML2U	SMART 2200 RM XL 3DBP COMM PORTS, EXTENDED RUNTIME	\$1,510.00	\$1,359.00	\$1,359.00
26	1	DSBP48V60RT3U	EXTERNAL BATTERY PACK 48V EXPANDABLE, FOR SMART UPS	\$1,624.00	\$1,461.60	\$1,461.60
27	2	DS2POSTRMKITWM	HORIZONTAL MTG RAILS FOR 2 POST RM INSTALLATION, TRIPP LITE	\$105.00	\$94.50	\$189.00
28	150	L1700A	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$2.25	\$2.25	\$337.50
29	10	DDN9769B	FITNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	\$27.25	\$27.25	\$272.50
30	5	DSIS50NXC2MA	RF SPD, 125-1000MHZ DC BLOCK FLANGE MT NM ANTENNA, NF EQUIPMENT SIDE	\$80.00	\$72.00	\$360.00
31	5	HKN9087B	ADAPTER CBL 800 MHZ	\$76.91	\$76.91	\$384.55
32	35210	SVC03SVC0124D	SUBSCRIBER INSTALL - CUST LOCATION	\$1.00	\$1.00	\$35,210.00

Total Quote in USD

\$384,983.29

Total with 40% PE is: \$335,154.16

THIS QUOTE IS BASED ON THE FOLLOWING:

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Thank you for your consideration of Motorola products.

2 Quotes are exclusive of all installation and programming charges (unless expressly stated) and all applicable taxes.

3 Purchaser will be responsible for shipping costs, which will be added to the invoice.

4 Prices quoted are valid for thirty(30) days from the date of this quote.

5 Unless otherwise stated, payment will be due within thirty days after invoice. Invoicing will occur concurrently with shipping.

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