



# 2020 Kentucky 911 Services Board grant application cover sheet

Lead applicant agency Lexington-Fayette Urban County Government

*Example: 911 Board, City, County Fiscal Court, State Agency*

Application number 20-016

Project title Radio Consoles

Vendor Motorola

**Qualifying Funding Category (check one):**

- 1. Geospatial Mapping
- 2. New or improved 911 support equipment
- 3. Host/Remote projects
- 4. Other projects that meet the spending criteria outlined in 202 KAR 6:090

**Budget Summary:** (Budget costs should match any requested vendor quotes. Local match must be subtracted from the subtotal and not included in the total amount requested)

\$ <u>30,328.00</u>	Equipment
\$ <u>10,908.80</u>	Other: Installation, Setup, and Software Install
\$ <u>4,123.68</u>	Local Match <i>(this amount should be subtracted from subtotal)</i>
\$ <u>37,113.12</u>	Total Amount Requested

**Program Officials:**

	Authorizing Official <i>Judge/Executive, Mayor, etc.</i>	Project Manager <i>Day-to-day grant manager</i>	Financial Officer <i>Treasurer, City Clerk, etc.</i>
Name	<u>Linda Gorton</u>	<u>Robert Stack</u>	<u>William O'Mara</u>
Title	<u>Mayor</u>	<u>Director</u>	<u>Commissioner of Finance</u>
Signature		<u><i>Robert Stack</i></u>	
Date		<u>4/15/2020</u>	
Phone	<u>(859) 258-3100</u>	<u>(859) 280-8184</u>	<u>(859) 258-3300</u>
Email	<u>mayor@lexingtonky.gov</u>	<u>rstack@lexington911.ky.gov</u>	<u>billo@lexingtonky.gov</u>



**Include this Page in your Application**

**(A) Cover Sheet  
Page: 9**

## Project Description and Justification

Describe the details of your project. What is the purpose and end goal of the project; the specific utilization of grant funds; and the impact on and improvement to your current 911 operations? Refer to "2020 Application Guidelines" (Page 7 of this document) for guidance on information to include in the project description. Add additional typed pages (with your application number) as needed. (Recommended: 1-3 pages)

The Lexington Division of Enhanced 911 (Lexington E911) is requesting a grant for \$37,113.12 to purchase two radio dispatch consoles in order to make two additional dispatch positions in its Primary PSAP radio capable.

**Compliance with State NG911 Plan:** Lexington E911 is fully compliant with the state's NG 911 Plan, to include mapping standards, and is the only local government entity with a fully deployed and hosted NG911 digital point-to-point ESINet supporting 30 primary PSAPs in Kentucky, which is called the Central Kentucky 911 Network. Lexington E911, along with four other PSAPs in the same network have an integrated text-to-911 solution in use. Text-to-911 can be transferred between enabled PSAPs in the network. The host solution allows for alternate routing and roll-over routing of 911 calls providing every participating agency the ability to have another participating PSAP in their region serve as a back-up. Lexington E911 is acquiring hardware and software that is NG911 enabled in order to be prepared for further capabilities as they become available.

**Need & Gap:** Lexington fully funded a P25 Public Safety radio system in 2012 and a new PSAP facility in 2016. Lexington E911 has a gap in service because funds were insufficient in 2016 to outfit two positions at the new PSAP with dispatch consoles, though the agency had funds to acquire CAD furniture for future growth. During major events and emergencies, it is often possible for the 10 existing positions equipped with a radio console to be occupied and busy. Adding two radio consoles will help this agency meet the needs of the public and first responders during both routine and emergency situations, such as multiple major scenes.

**Budget and Cost Projections:** The total cost of the console, license to connect to the P25 Motorola Radio System and installation is \$41,236.80, of which Lexington has committed a 10% match. There is \$6,000 reoccurring annual maintenance for the two dispatch consoles requested in this application and Lexington will budget for the maintenance due one year after installation (i.e., FY22).

**Sustaining & Maintaining:** Lexington E911 proposed budget for FY21 includes funds for refreshing existing AVTEC Radio Consoles and this government has saved funds for the upcoming refresh. Lexington E911 budgeted annually over the past five years for the routine maintenance of existing dispatch consoles, which demonstrates this agency's track-record for sustaining existing consoles, maintaining them when an issue arises and preparing for anticipated hardware refresh every five years. There is \$6,000 in reoccurring annual maintenance expense specifically for the new consoles. Lexington will accumulate funds to prepare for a hardware refresh of a grant funded console, which will be due in five years (FY26).

Project Description and Justification continued in Attachment A.



**Include this Page in your Application**

**(C) Project Description**

**Page: 10**

## Assurances

### ***Acceptance of terms and conditions***

The grantee accepts and agrees to comply with all grant terms and conditions. The grantee understands that grants are contingent upon Board review and approval, the availability of funds and an application may only receive partial funding.

### ***Disclaimer***

The grantee certifies that the facts and information contained in this application and any attached documents are true and correct. A violation of this requirement may result in revocation of the grant, return of all funds and interest accrued (if any), to the Kentucky 911 Services Board and any other remedy provided by law.

### ***Notification of Awards***

The Kentucky 911 Services Board will announce awards upon approval.

### ***Changes***

No changes or departures from the original proposal shall be permitted unless the Kentucky 911 Services Board gives prior written authorization. Any unauthorized change will necessitate the return of grant funds.

Failure to utilize grant funds as represented may jeopardize eligibility for future funding.

## Authority

I hereby affirm my authority and responsibility for the use of funds requested and further certify that all statements and supporting data in the grant application are true and correct.

\_\_\_\_\_  
Authorizing Official's Signature

\_\_\_\_\_  
Date

**Linda Gorton, Mayor**

\_\_\_\_\_  
Printed Name

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public



**Include this Page In your Application**

**(D) Assurances  
Page: 11**



## 2020 Kentucky 911 Services Board Grant

### Proper Procurement Declaration

Grant applicant name: Lexington Fayette Urban County Government

Application number: 20-016

Project title: Radio Console

All grant applicants must complete the procurement process in advance of submission of the application. **All vendor quotes and bids pricing must be valid through 8/31/2020.**

Please check the box to identify the procurement method followed. The documentation provided **MUST** match the amount requested.

- A) Official Request for Proposal (RFP) Completed
- B) Items to be purchased on State Price Contract
- C) Items to be purchased qualify for sole source exemption
- D) Items to be purchased do not exceed \$20,000

Requirements for each of the above selections are identified below:

**A) Official Request for Proposal (RFP) completed**

Vendor Selected: \_\_\_\_\_

Other vendors that Responded: \_\_\_\_\_

Please include the following documentation if Option A was selected:

- A copy of the official RFP (should include the scoring criteria).
- A copy of the RFP advertisement.
- A copy of each response to the RFP (a few important pages including quote and description of services to be provided is sufficient).
- A narrative describing why the winning bid was chosen.



**Include this Page in your Application**

(G) Procurement Dec.  
Page: 15

**B) Items to be purchased on State Price Contract**

**Vendor selected:** \_\_\_\_\_

**Master agreement (MA) #:** \_\_\_\_\_

**Item #(s):** \_\_\_\_\_

Please include the following documentation if Option B was selected:

- A copy of the vendor quote valid through 8/31/2020 and description of services to be provided.

**C) Items to be purchased qualify for sole source exemption**

**Vendor selected:** Motorola

Please include the following documentation if Option C was selected:

- A copy of the vendor quote valid through 8/31/2020 and description of services to be provided.
- A narrative signed by your purchasing official (County/City Treasurer or the equivalent) justifying the Sole Source Exemption.

**D) Items to be purchased do not exceed \$20,000**

**Vendor selected:** \_\_\_\_\_

- Locations of solution hosts:

This form **MUST** be signed by your purchasing official (county/city treasurer or the equivalent).

***"I certify that the information reported in this document is true and the Kentucky Model Procurement Code (KRS 45A) was followed in deciding how to purchase the items requested in this grant application."***

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



**Include this Page in your Application**

## **2020 Grant Application #20-06**

### **Attachment A: Project Description and Justification Continued**

**Technical Planning & Timeline:** Lexington E911 employs a full-time Radio Systems Specialist who is trained to perform routine maintenance and software upgrades for the AVTEC Radio Console, ensuring that the hardware and software can be sustained for years to come. Lexington E911 has agreements with Lexington Police and Lexington Fire to help maintain the radio system in the event the agency's technician is unavailable. Upon completion of all state required grant approval documents and authorization from the state to proceed with purchase, Lexington will issue a requisition within 5-7 days. Once the vendor acknowledges receipt of the order, hardware delivery is expected in 8-10 weeks. Installation and testing will be scheduled within 2-3 weeks and the installation process by the vendor should take 2-3 days on-site. This time-line acknowledges work on the project isn't likely to occur during the three weeks in this timeline which contain a national holiday. Full grant completion is expected by the close of March 2021.

**Management, Technical and Financial Oversight:** The enclosed price quote from Motorola is a "turn-key" solution for a single console that includes installation and testing. Motorola has been approved by the Mayor and Lexington Urban County Council as a sole source (Attachment B) for its AVTEC Radio Console in compliance with Lexington's Purchasing Policy.

**Equipment and Processes:** In recent years, Motorola acquired Airbus DS Communications, the manufacturer of this city's P25 radio system and Motorola also purchased AVTEC Radio Consoles. Motorola has an excellent reputation for providing state-of-the-art P25 public safety grade r communications equipment world-wide. It is not possible for Lexington to introduce another manufacturer's console to Lexington's radio system. AVTEC consoles are state-of-the-art public safety grade mission critical radio consoles. The proposal provides for the vendor to provide a turn-key solution that places full responsibility on the vendor to deploy the device (i.e., one throat to choke). Attachment C is a letter from Motorola indicating that it holds Lexington harmless for any claims of patent infringement, which is a requirement of this application process.

**Other Fund Sources:** Lexington is providing a 10% match.



# PSAP BUDGET

For the period July 1, 2020 - June 30, 2021

Kentucky 911 Services Board

**PSAP NAME:** Lexington Division of Enhanced 911

**APPLICATION #:** 20-16

**REVENUE** (Amounts expected to be received July 1, 2020-June 30, 2021)

(2) Total Amount of CMRS funds received from CMRS Board	\$ 1,322,491.00
(3) Total Amount of Local 911 fee revenues	\$ 3,177,742.00
(4) Total Amount of County or City General Funds received in current fiscal year	\$ 371,072.00
(5) Total Amount of CMRS Grant Funds received in current fiscal year	
(6) Total Amount of Other Grant Funds received in current fiscal year	
(7) Total Amount of Interest received in current fiscal year	\$ 30,000.00
(8) Total Amount of Other Funds received in current fiscal year	\$ 5,440.00
(9) Total 911 funds available	\$4,906,745.00

## EXPENDITURES

### Personnel Cost

	Total Paid
(10) Dispatch Supervisor/Director Salary	\$ 580,500.00
(11) Dispatcher Salaries	\$ 3,885,000.00
(12) Mapping/Addressing Salaries	\$ 138,000.00
(13) Other Salaries	
(14) Retirement Contribution	\$ 1,350,000.00
(15) Health Insurance	\$ 530,000.00
(16) Other Fringe Benefits	\$ 285,000.00

### Facility Costs

(17) Capital improvements	\$ -
(18) Lease or rental payments	\$ 79,000.00
(19) Utilities	\$ 10,000.00
(20) Telephone Service/911 Trunks	\$ 158,200.00
(21) Maintenance	\$ 172,550.00
(22) Emergency Power Equipment	\$ 42,500.00
(23) Insurance	
(24) Furniture and Fixtures	\$ -
(25) Office Supplies	\$ 9,925.00
(26) Other Facility Costs	

### Training and Memberships

(27) On -Site Training	
(28) Conferences	\$ 12,500.00
(29) Training Related Travel	\$ 10,000.00
(30) Membership Dues	\$ 2,025.00

### Equipment/Software

(31) 911 Controllers	
(32) Telephone Equipment	
(33) Remote 911 Hardware, Modems etc.	\$ 158,200.00
(34) Computer workstations	\$ 5,000.00
(35) Radio Systems	
(36) CAD System	
(37) GIS/ Mapping System	
(38) Software Licenses	
(39) Maintenance/Service Agreements	\$ 220,560.00
(40) Other Equipment and Software	\$ 46,525.00

### Vehicle Expenses

(41) MSAG development and Maintenance	\$ 2,000.00
(42) GIS Verification & Testing	\$ 2,000.00
(43) Other	

### Professional Services

(44) Legal	\$ -
(45) Auditing	\$ -
(46) Mapping/Addressing	\$ 176,800.00
(47) Other	\$ 150,320.00
(48) Total Expenditures	\$6,026,595.00

I, Robert Stack

(Typed Name of Report Preparer/Reviewer)

Certify that I have written or reviewed this report and that all the information in the report is true and correct as of this date.



Include this Page in your Application

(F) Financial Reports



# PSAP REVENUE/EXPENDITURE REPORT

For the period July 1, 2018 - June 30, 2019

KENTUCKY 911 SERVICES BOARD

**PSAP NAME:**

Lexington Division of Enhanced 911

**REVENUE** (Amounts received July 1, 2018-June 30, 2019)

(1) Balance of all 911 funds at the beginning of the reporting period.	\$ 3,557,703.00
(2) Total Amount of CMRS funds received from KY 911 Services Board	\$ 1,221,553.89
(3) Total Amount of local 911 fee revenues (landline, utility, parcel/property tax)	\$ 2,947,247.34
(4) Total Amount of county or city general funds received in current fiscal year	\$ 3,487,076.48
(5) Total Amount of 911 Services Board grant funds received in current fiscal year	\$ 176,690.26
(6) Total Amount of other grant funds received in current fiscal year	
(7) Total Amount of interest received in current fiscal year	\$ 30,237.09
(8) Total Amount of other funds received in current fiscal year	\$ 18,080.60
(9) Total 911 funds available	\$ 11,438,568.56

**EXPENDITURES**

**Personnel Cost**

	Total Paid
(10) Dispatch supervisor/director salary	\$ 577,682.34
(11) Dispatcher salaries	\$ 2,908,144.46
(12) Mapping/addressing salaries	\$ 136,259.27
(13) Other salaries	\$ 492,041.91
(14) Retirement contribution	\$ 1,353,740.29
(15) Health Insurance	\$ 531,036.96
(16) Other fringe benefits	\$ 291,664.85

**Facility Costs**

(17) Capital improvements	
(18) Lease or rental payments	\$ 147,481.33
(19) Utilities	\$ 11,567.66
(20) Telephone service/911 trunks	\$ 136,684.90
(21) Maintenance	\$ 162,420.70
(22) Emergency power equipment	
(23) Insurance	\$ 72,002.05
(24) Furniture and fixtures	
(25) Office supplies	\$ 8,690.55
(26) Other facility costs	\$ 357,822.23

**Training and Memberships**

(27) On-site training	
(28) Conferences	\$ 17,246.89
(29) Training-related travel	\$ 6,368.90
(30) Membership dues	\$ 1,906.00

**Equipment/Software**

(31) 911 controllers	
(32) Telephone equipment	
(33) Remote 911 hardware, modems, etc.	\$ 173,690.26
(34) Computer workstations	\$ 39,976.17
(35) Radio systems	
(36) CAD system	
(37) GIS/mapping system	
(38) Software licenses	
(39) Maintenance/service agreements	\$ 340,771.34
(40) Other equipment and software	\$ 17,619.27

**Vehicle Expenses**

(41) MSAG development and maintenance	\$ 1,900.59
(42) GIS verification & testing	\$ 1,900.59
(43) Other	

**Professional Services**

(44) Legal	
(45) Auditing	
(46) Mapping/addressing	\$ 162,997.44
(47) Other	\$ 437,660.19
(48) Total Expenditures	\$ 8,389,276.14

Report Prepared By:	Phyllis Cooper
Title:	Director of Accounting
Phone:	859-258-3317
Email:	zcooper@kentucky911.com



**MOTOROLA SOLUTIONS** **VESTA** Radio

Salesperson		Alt	Shipment Method	Shipment Terms	Quote Date	Payment Term	Expiration Date
From: Motorola Solutions, Inc. 1806 LBJ Freeway, Suite 246 Farmers Branch, TX 75234 951-710-2448							
To: Rick Montgomery/Scott Osborne 118 Cisco Rd Lexington, KY 40504 858-321-4219							
Date: 5-Apr-20		Quotation # LEX-43929-1.2					
43929-1 - Add 2 new E4 Avtec Consoles at PSOC		TBD	N/A	TBD	Net 30	8/31/2020	
Qty	Part Number	Description	Unit Price (US\$)	Line Total (US\$)			
<b>Equipment</b>							
2	SFW-SCOUT-E4-T2-5K	Scout E4 Console - Tier 2 includes a license for a Scout Enterprise Console with Software Audio Package with all features and functionality of Scout E4 Console. Scout E4 enables access to a maximum of 4 Conventional and/or Trunked channels concurrently. Includes IRL Software License version.	\$6,995.00	\$13,990.00			
2	ACC-TSC-215WS-PC	21.5" LED touch screen for PC console - 1600 format - Full HD	\$1,446.00	\$2,892.00			
2	ACCUSB-MIC	Avtec USB PTT Desk Microphone, Scout Software Media Workstation	\$617.00	\$1,234.00			
2	ACCUSB-PSW-WIDE	USB Wide Treadle PTT Footswitch Accessory, Software Media Workstation	\$384.00	\$768.00			
4	ACCUSB-HUB	Avtec USB Header/handset jack box (single jack), Scout Software Media Workstation	\$765.00	\$3,060.00			
3	ACCUSB-SPK-2	Avtec USB Dual Speaker Kit, Scout Software Media Workstation	\$808.00	\$2,424.00			
<b>Services</b>							
1	Services:	Installation and Configuration Remote Technical Support:	\$10,906.80	\$10,906.80			
				Subtotal	\$41,236.80		
				Sales Tax	\$0.00		
				<b>Total US\$:</b>	<b>\$41,236.80</b>		
Description:	<p>This is a quotation to add two E4 console positions at the Lexington LPUGG PSOC Emergency Center.</p> <ol style="list-style-type: none"> <li>This quotation is for console equipment, and Remote Configuration Technical Support</li> <li>It does not include any desk hardware or cabling between the console location and the back office equipment, which are to be provided by the customer.</li> <li>It assumes that an adequate building ground and power outlets are available for use at the console position.</li> <li>Screen configuration is to be provided by the customer.</li> <li>Customer should verify that ports are available on the switch to add this console position.</li> </ol>						
Notes:	<p>Terms and Conditions are governed by the current Purchase Agreement and all change orders and amendments thereto.</p> <p>An additional Software Maintenance, Technical Support and Training charge of \$6,000.00 will be added to the Lexington Limited Maintenance Agreement per year to cover both consoles beyond the initial 1-year warranty period, via change order or amendment to the Purchase Agreement.</p>						
Change Order prepared by:	Larry Ross			PO#:			
Change Order accepted by (name):				Date:			
Signature:							
Thank you for your business!							