



2022 Kentucky 911 Services Board grant application cover sheet

Lead applicant agency Lexington E911

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

Application number 22-256

Project title HW Refresh CKy911 Net IPSRs

Vendor AK Associates

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>331,985.68</u>	Equipment
\$ _____	Other:
\$ <u>33,198.57</u>	Local Match <i>(this amount should be subtracted from subtotal)</i>
\$ <u>298,787.11</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>Scott Osborne</u>	<u>Erin Hensley</u>
Title	<u>Mayor</u>	<u>PSAP Manager</u>	<u>Commissioner of Finance</u>
Signature	_____		_____
Date	_____	<u>02/17/2022</u>	_____
Phone	<u>(859)258-3100</u>	<u>(859)280-8172</u>	<u>(859)258-3300</u>
Email	<u>mayor@lexingtonky.gov</u>	<u>sosborne@lexington911.ky.gov</u>	<u>ehensley@lexingtonky.gov</u>



Include this Page in your Application

**(A) Cover Sheet
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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 “2022 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)



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(C) Project Description
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Attachment A Project Description and Justification

2022 Grant Application #22-256

The Lexington Division of Enhanced 911 (Lexington 911) is requesting a grant for \$298,787.11 to refresh a Solacom Selective Router that supports 30 primary Public Safety Answering Points (PSAP) in Kentucky, which is operated by Lexington as the Central Kentucky 911 Network (CKY911net).

Compliance with State NG911 Plan: Lexington E911 is fully compliant with the state's NG911 Plan, to include compliance with each of the GIS mapping standards deadlines to date. Lexington's Central Kentucky 911 Network (CKY911net) is the only government entity in the Commonwealth with a fully deployed and hosted NG911 digital point-to-point ESINet supporting 30 primary PSAPs in Kentucky. Lexington, along with four other PSAPs in the same network uses an integrated text-to-911 solution and a sixth county in the network will have text-to-911 in the coming months. Lexington's hosted solution, which includes geo-redundant selective routers and controllers, allows for alternate routing and roll-over routing of 911 calls providing every participating agency in the network the ability to have another participating PSAP on the network 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, along with the other 29 counties in the Central Kentucky 911 Network, use a Solacom Guardian 911 phone system. Keeping Lexington's 911 Selective Routers refreshed helps ensure up-time for receiving and processing hundreds of thousands of 911 calls annually across the network. A hardware refresh occurs every five years and the attached quotes are for years 6 through 10 of existing equipment. Anticipating the need for refresh after five years, Lexington saved funds to cover the 10% grant match for refreshing the geo-redundant selective routers.

Budget & Cost Projections: The first year total cost for the refresh is \$331,985.68, which includes a match to cover hardware refresh, warranty and support expenses. Lexington E911 has funds accumulated in its fund balance for a 10% grant match (\$33,198.57).

Technical Planning & Timeline: Lexington's Solacom Selective Routers were purchased new in 2016 and has been in use and fully supported during its life. The Solacom Selective Routers have been reliable to operate and been issue free. Lexington E911 maintains a managed services agreement with AK Associates to provide hardware and software support for the geo-redundant Selective Routers and AK Associates maintains offices in the Lexington Public Safety Operations Center (Primary PSAP) to support telephone equipment. 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 to AK Associates. Once that vendor acknowledges receipt of the order and submits an order to Solacom, and hardware delivery is expected in 3-4 months, which is consistent with the manufacturer's lead time. Installation and testing will be scheduled within 2-3 weeks of hardware arrival and the installation process by the vendor should take 5-10 days. Full grant completion is expected by May 1, 2023.

Management, Technical and Financial Oversight: The Lexington Division of Enhanced 911 files for grants through the Lexington Division of Grants and Special Programs, which exercises management oversight of the grant process. Lexington's Division of Purchasing has oversight of purchasing procedures, to ensure E911 complies with ordinances and the city's purchasing policy. In addition, the Lexington Division of Enhanced 911 has a Fiscal Officer, who handles requisitions, purchase orders and maintains the grant records for this division. Jonelle Patton, Director of Enhanced 911 and PSAP Manager Scott Osborne will manage this project. The enclosed price quote from AK Associates is a "turn-key" solution, which includes both on-site and remote technical support following installation by that firm.

Equipment and Processes: Lexington uses Solacom Guardian 911 Telephone Customer Premise Equipment for each 911 position and those positions are supported by a Solacom Media Server and GIS server. All 30 PSAPs in the Central Kentucky 911 Network are connected to the geo-redundant Selective Routers. Both AK Associates and Solacom have been approved by the Mayor and Lexington Urban County Council as a sole source for 911 telephone equipment used by Lexington and the 29 other PSAPs in CKY911net and this purchase complies with the Purchasing Policy and ordinances of the Lexington-Fayette Urban County Government (Page 16 signed by the Director of Purchasing, Lexington Fayette Urban County Government). Installation and support are part of the AK Associates turn-key solution.

Other Fund Sources: Lexington is providing a 10% match in the amount of \$33,198.57 and will fund annual during the hardware's five year life-cycle.

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.

KWIEC Approval Tracking Number (*radio projects only)*not required for radio console projects*

Any project involving radio equipment, with the exception of radio consoles, must have prior approval from the Kentucky Wireless Interoperability Executive Committee (KWIEC). If applicable, provide KWIEC tracking number here _____.

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

Printed Name

Subscribed and sworn before me this _____ day of _____ 20____

Notary Public



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(D) Assurances
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2022 Kentucky 911 Services Board Grant

Proper Procurement Declaration

Grant applicant name: HW Refresh CKy911Net IPSRs

Application number: 22-256

Project title: Hardware Refresh

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 8/31/2022.

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 \$30,000

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.



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(G) Procurement Dec.
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January 14, 2022

Jonelle Patton-Edwards
LGUCG Div. of E911 Director
115 Cisco Rd.
Lexington, KY 40504

Dear Ms. Patton-Edwards,

The purpose of this correspondence is to confirm to you that AK Associates (an authorized Solacom distributor and service organization) due to the contractual arrangements between AK Associates and Solacom is the sole-source provider of Solacom equipment for the Central Kentucky CKy911Net system.

If you have any further questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Anthony A. Parrott".

Anthony A. Parrott
Vice President of Sales
Solacom Technologies Incorporated
tony.parrott@comtechtel.com
937-609-1911

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 8/31/2022 and description of services to be provided.

C) Items to be purchased qualify for sole source exemption

Vendor selected: AK Associates

Please include the following documentation if Option C was selected:

- A copy of the vendor quote valid through 8/31/2022 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 \$30,000

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

**(G) Procurement Dec.
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