

## LAURENS COUNTY



## EMERGENCY MANAGEMENT AGENCY

Joey Avery, ENP, CEM  
911 / EMA Director  
JAVERY@Co.Laurens.SC.US

Tavi Hughes  
EMA Deputy Director  
thughes@Co.Laurens.SC.US

25 April 2020

Chairman Walter Hughes  
Laurens County Capital Sales Tax Commission  
P.O. Box 248  
Laurens, S.C. 29360

Re: Application for a County Wide 800 MHz Radio System Upgrade

Chairman Hughes,

Please find the enclosed application and supporting documents for your consideration for approval of a County-Wide 800 MHz radio system upgrade that will enhance the safety of our first responders that serve Laurens County.

This much needed project to replace old and antiquated technology will provide a means for radio interoperability for all emergency service agencies in Laurens County. The following agencies, Laurens County 911, Laurens County Sheriff's Office, Laurens County Emergency Medical Service, Laurens County Coroner's Office, Laurens County Fire Service, Laurens City Police and Fire Depts, Clinton City police and Fire Depts and Presbyterian College Public Safety, will benefit from this project.

This project will also provide radio communications with the surrounding counties that are providing or receiving mutual aid to Laurens County. The surrounding counties have also used the CPST to upgrade their communications system to the point our rural fire service is unable to talk directly to them on a fire scene in Laurens County. This project will provide the resources that the municipal and county fire service needs for interoperability with other agencies.

The need for interoperability of all these agencies is paramount in officer safety while responding to shootings such as one at Wal-Mart and Yanfeng industries. These two, along with many other situations that have occurred, identified our response deficiencies with the inability to talk to several agencies on the same channel during a search for the assailant.

***SMOKE ALARMS AND WEATHER RADIOS SAVE LIVES!!!***

**P.O. BOX 1396 LAURENS, SC 29360-1396 TELEPHONE: (864) 984-4731 or (864) 984-0812 FAX: (864) 984-0900**

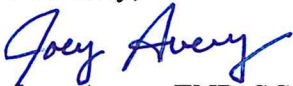
We are working with Motorola to provide pricing from a state approved contract that will meet all local and state purchasing requirements. I feel that the \$ 2,481,495.66 amount of money requested in our application will be enough to complete this project.

If this application is approved, we will stay with the requested budget amount. If there are minor adjustments to be made, the county will absorb all overrun costs.

I would like to Thank the Capital Sales Tax Commission Members for their consideration on this Radio Upgrade Application request.

Should you have any questions please let me know.

Sincerely,

A handwritten signature in blue ink that reads "Joey Avery". The signature is fluid and cursive, with the first name "Joey" and last name "Avery" clearly distinguishable.

Joey Avery, ENP, SCCM

Director

Laurens County 911

864-984-0812 (O)

864-939-9014 (C)

javery@co.laurens.sc.us

## CAPITAL PROJECT SALES TAX APPLICATION

- I. **PROJECT** – Laurens County Public Safety agencies currently communicate using different frequencies for all radio transmissions. Presently systems used consist of UHF, VHF and 800 Mhz radios.

Presently the current Fire communications system is poor at best providing critical radio communications to our rural Fire Department personnel. The coverage of this system, because of FCC mandated narrowband of its current frequencies, diminished its ability to talk over this system. That has created a very unsafe working environment for the professionals. This government mandate has created a radio system that places our first responder's safety and well-being in jeopardy.

All Law Enforcement agencies are currently using radio communications devices that have reached its end of life on 31 Dec. 2019 which no longer can be supported and repair parts are becoming difficult to get due to the equipment's age, some of which have been in use for approximately 16 years.

- II. **LOCATION** – Area of Operations of all Public Safety Agencies throughout Laurens County and incorporated and non-incorporated areas as required.

- III. **SUBMITTED BY** – Laurens County Communications / 911 on behalf of all Laurens County Public Safety Departments that respond to calls for service for all the citizens of Laurens County and all municipalities.

- 1.) Project Description - In general terms, describe the intent of the project, including program(s) to be associated with it, populations to be served by it and its intended geographic location.

Approval of this proposed project would allow Laurens County 911, Laurens County Sheriff's Office, Laurens County Emergency Medical Service, Laurens County Coroner's Office, Laurens County Fire Service, Laurens City Police and Fire Depts., Clinton City Police and Fire Depts, along with Presbyterian College Public Safety to use the 800 Mhz statewide system to have much needed interoperability in a seamless transition.

This project will allow for the implementation of a county-wide 800 Mhz system for all Laurens County Public Safety Agencies and to replace old and outdated communications and move all users to new technology. It will embrace the ever-changing communications environment that will provide interoperability amongst all agencies while responding to emergency calls for service where multiple agencies would be responding as the primary as well as a secondary first responder for the citizens that we serve daily.

We must plan to replace these radios that serve as the backbone for communications for all Public Safety Departments in Laurens County.

- 1b.) Cite the specific portions of Code Section 4-10-330 (A) (1) of the South Carolina Code of Laws under which the project qualifies for CPST funding.

The project qualifies under Section 4-10-320 (h) jointly operated projects of the county, a municipality, special purpose district, and school district, or any combination of those entities, for the projects delineated in subitems (a) through (g) of this item;



## 2.) Site Acquisition and Preparation Budgeting

- a.) Provide plats or tax maps of all property involved. Include a preliminary engineered drawing indicating the proposed locations of all structures associated with the projects including buildings, interior roadways, turning lanes, parking lots, utilities, etc.

This question is not applicable to the referenced project as this project will not require any property or engineering drawings. .

- b.) Who owns the property required to undertake the project?

The County and the Municipalities that these departments are funded by will own these mobile and portable communications devices.

- c.) Demonstrate all access points to be used by the public in utilizing the project. Will vehicular access by the public require encroachment permits, turning lanes, etc? If so, demonstrate approval by the appropriate agency, County, SC DOT, etc?

This question is not applicable to the referenced project.

- d.) List all utilities, i.e. water, sanitary sewer, electricity, natural gas, storm sewerage needed to serve the project. Verify through utility providers enough capacity and willingness to serve the project. What costs will be incurred in connecting to the required utilities?

The only required utility will be electric power for this project which is already located at the Motorola Palmetto 800 system tower sites.

- e.) Demonstrate the topography of the property and provide cost estimates for all clearing, grading, drainage, permits and other site preparation expenses associated with the project.

This question is not applicable to this referenced project.

- f.) Has a Phase One Environmental Site Assessment been completed for the property/project?

Due to the type of the project, a Phase One Site Assessment study will not be required.

- g.) Is the land use associated with the proposed project allowed under current land use/zoning restrictions?

This question is not applicable to this referenced project.

- h.) Estimate the number of persons and the number of vehicles that will be on or in the general vicinity of the property at times during peak usage.

There should be no direct impact on the general public or the number of vehicles on the county roadways. This question is not applicable to this referenced project.

- i.) Describe the capacity of the property to accommodate future expansions of the intended use.

This project will require no real property owned by Laurens County, The radios that we are purchasing has more expansion capabilities should we need to add additional radios or talk groups.

## 2.) CONSTRUCTION PLANNING AND BUDGETING:

- a.) Describe the structures to be built/renovated on the property, construction type, estimated cost per square foot and total construction.

This question is not applicable to this referenced project.

- b.) Estimate costs of engineering/design and construction management.

This question is not applicable to this referenced project.

- c.) Provide cost estimates for exterior lighting, fencing, security systems, utility connections, fiber/connectivity, landscaping and any other services that may apply.

This question is not applicable to this referenced project.

- d.) Provide cost estimates for furnishings, computers, equipment, appliances, etc.

The cost estimates for this referenced project are provided and attached at the end of this application.

- e.) If the voters approve the CPST referendum and funding is made available, when do you anticipate design work for this project beginning, and how long will it take to complete the design work? When would construction commence and how long will it take to complete construction?

The work has already been completed. If funding is approved through the Capital Project Sales Tax, all preliminary cost estimates have been researched and will meet all county and state purchasing requirements. Once the funding is approved, project completion will be completed with equipment order, delivery, programming and installation within 6–8 months.

## 3.) STATEMENT OF PROJECT SUBMISSION AND SUPPORT

Additionally, the sponsoring qualified entry must submit a letter containing that it will 1.) own the project during the life of the CPST, 2.) fund any cost overruns beyond balloted amounts, identifying the sources of the funding, and 3.) fund any ongoing operating and maintenance costs of the project after its completion, describing the entity's capacity to absorb such costs.

Please see the attached letter from Joey Avery 911 & Emergency Management Director for Laurens County.

All the departments except the County Fire Service listed are currently paying the user fees associated with this state-wide radio system. They will be responsible for paying, user fees and maintenance cost associated with maintaining the operations of these communication devices in the future.

#### 4.) Project Cost Summary

|  |                            |
|--|----------------------------|
| Site Acquisition                           | <u>\$ 0.00</u>             |
| Clearing/Grading/Drainage Site Preparation | <u>\$ 0.00</u>             |
| Paving (include parking, turn lanes)       | <u>\$ 0.00</u>             |
| Construction/Renovation                    | <u>\$ 0.00</u>             |
| Engineering/Design/Construction Management | <u>\$ 0.00</u>             |
| Testing/Geotechnical                       | <u>\$ 0.00</u>             |
| Phase One Environmental Testing            | <u>\$ 0.00</u>             |
| Environmental-related Development Costs    | <u>\$ 0.00</u>             |
| Permits                                    | <u>\$ 0.00</u>             |
| Landscaping                                | <u>\$ 0.00</u>             |
| Fencing                                    | <u>\$ 0.00</u>             |
| Exterior Lighting                          | <u>\$ 0.00</u>             |
| Fiber/Connectivity                         | <u>\$ 0.00</u>             |
| Security Systems                           | <u>\$ 0.00</u>             |
| Furnishings/Equipment/Computers            | <u>\$ 2,481,495.66</u>     |
| Other (please describe by attachment)      | <u>\$ 0.00</u>             |
| <br>Total                                  | <br><u>\$ 2,481,495.66</u> |

#### 4. Project Proposal Submission Deadline

Completed project proposal submissions must be delivered to the CPST Commission no later than 5:00 p.m. on Thursday, April 28, 2020. Proposals may be submitted by US Mail, courier, or hand delivery to: date Changed to 12 May 2020

Mailing

LCCC

Attention: CPST Commission

PO Box 248 Laurens, SC

29360

physical

Laurens County Chamber of Commerce

291 Professional Park Road

Clinton, SC 29325





# MOTOROLA SOLUTIONS

## Palmetto 800 System Requirements by Agency

**BUDGETARY as of 5/6/2020**

TO: Laurens County Pal 800 System Summary

Motorola Solutions, Inc.  
108 Park Place Ct., Suite C  
Greenville, S.C. 29607  
Attn: Tom Drake  
Phone: 864-236-9939  
Fax: 864-236-9813

ATTN: Joey Avery

Phone: 864-984-0812

| Qty. | Model Number | Description or Specification | Unit Price | Extended Price |
|------|--------------|------------------------------|------------|----------------|
|------|--------------|------------------------------|------------|----------------|

### **South Carolina State Contract 4400021163**

#### **Laurens Co. Sheriff**

|   |              |
|---|--------------|
| Sheriff's Office – 82 - Remote Mount Mobiles including installation, 110 - Portables with accessories, (including 8% Sales Tax on equipment only) | \$889,096.64 |
|---|--------------|

|                  |                     |
|------------------|---------------------|
| <b>Sub-Total</b> | <b>\$889,096.64</b> |
|------------------|---------------------|

#### **Laurens Co. EMS**

|  |              |
|--|--------------|
| Laurens Co. EMS – 12 Remote Mount Mobiles, 16 Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$109,577.73 |
|--|--------------|

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|------------------|---------------------|
| <b>Sub-Total</b> | <b>\$109,577.73</b> |
|------------------|---------------------|

#### **Laurens Co. Fire Service**

|  |                |
|--|----------------|
| Laurens Co. Fire Service – 106 Remote Mt. Mobiles, 90 Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$1,003,651.70 |
|--|----------------|

|   |  |
|---|--|
| Laurens Co Fire Service 200 - Dual Band Pager |  |
|---|--|

|                  |                       |
|------------------|-----------------------|
| <b>Sub-Total</b> | <b>\$1,003,651.70</b> |
|------------------|-----------------------|

#### **City of Laurens Police**

|   |              |
|---|--------------|
| City of Laurens Police – 15 - Remote Mt. Mobiles, 16 - Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$148,241.17 |
|---|--------------|

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|------------------|---------------------|
| <b>Sub-Total</b> | <b>\$148,241.17</b> |
|------------------|---------------------|

#### **City of Laurens Fire**

|  |             |
|--|-------------|
| City of Laurens Fire – 7 - Dash Mt. Mobiles, 10 Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$61,717.32 |
|--|-------------|

|                  |                    |
|------------------|--------------------|
| <b>Sub-Total</b> | <b>\$61,717.32</b> |
|------------------|--------------------|

#### **City of Clinton Police**

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| City of Clinton Police – 14 Remote Mt. Mobiles, 16 4000 Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$139,934.89 |
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| <b>Sub-Total</b> | <b>\$139,934.89</b> |
|------------------|---------------------|

#### **City of Clinton Fire**

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|---|-------------|
| City of Clinton Fire – 10- Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$31,946.68 |
|---|-------------|

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|------------------|--------------------|
| <b>Sub-Total</b> | <b>\$31,946.68</b> |
|------------------|--------------------|



**Presbyterian College Police**

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|--|--------------------|
| Presbyterian College Police – 2 -Dash Mt. Mobiles, 4- Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$30,887.91        |
| <b>Sub-Total</b>   | <b>\$30,887.91</b> |

**Laurens County Coroner**

|   |                    |
|---|--------------------|
| Laurens County Coroner – 1-Dash Mt. Mobiles, 6-Portables (including portable radio accessories, mobile radio installation and 8% Sales Tax on equipment only) | \$22,974.14        |
| <b>Sub-Total</b>  | <b>\$22,974.14</b> |

**Laurens County Detention Center**

|  |                    |
|--|--------------------|
| Laurens County Detention Center – 4 Dash Mt. Mobiles, 2 Portable radio with accessories, 4 mobile radio installation and 8% Sales Tax on equipment only) | \$20,122.48        |
| <b>Sub-Total</b>   | <b>\$20,122.48</b> |

**Laurens County 911 Center**

|   |                    |
|---|--------------------|
| Laurens County 911 Center – 2 All Band Consolettes with accessories, with     | \$18,161.00        |
| Laurens County Detention Center – 4 Remote Mt. Mobiles, 4 Portable radio with |                    |
| <b>Sub-Total</b>  | <b>\$18,161.00</b> |

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|--|-------------------|
| <b><u>KVL5000 for Encryption Key Programming</u></b> | <b>\$5,184.00</b> |
|--|-------------------|

|                        |                       |
|------------------------|-----------------------|
| <b>EQUIPMENT TOTAL</b> | <b>\$2,481,495.66</b> |
|------------------------|-----------------------|

All Pricing is Budgetary and is valid for 90 days. This will be updated/confirmed as required.

A "BEST & FINAL" PRICE WILL BE SUBMITTED as soon as all requirements are confirmed and required site visits are completed.











