DAWSON COUNTY BOARD OF COMMISSIONERS VOTING SESSION AGENDA – THURSDAY, DECEMBER 7, 2023 DAWSON COUNTY GOVERNMENT CENTER ASSEMBLY ROOM 25 JUSTICE WAY, DAWSONVILLE, GEORGIA 30534 TO IMMEDIATELY FOLLOW THE 4:00 PM WORK SESSION

A. ROLL CALL

B. OPENING PRESENTATION

Recognition of the 6th Grade Mountain Football League Super Bowl Champions- Parks & Recreation Director Matt Payne

C. INVOCATION AND PLEDGE OF ALLEGIANCE

D. ANNOUNCEMENTS

E. APPROVAL OF MINUTES

- 1. Minutes of the Work Session held on November 16, 2023
- 2. Minutes of the Voting Session held on November 16, 2023

F. APPROVAL OF AGENDA

G. PUBLIC COMMENT

H. NEW BUSINESS

<u>1.</u> Consideration of RFP #415-22 - Dawson County Public Safety Radio Communications System Upgrade

I. PUBLIC COMMENT

J. ADJOURNMENT

*An Executive Session may follow the Voting Session meeting.

Those with disabilities who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting, should contact the ADA Coordinator at 706-344-3666, extension 44514. The county will make reasonable accommodations for those persons.



DAWSON COUNTY BOARD OF COMMISSIONERS WORK SESSION MINUTES – THURSDAY, NOVEMBER 16, 2023 DAWSON COUNTY GOVERNMENT CENTER ASSEMBLY ROOM 25 JUSTICE WAY, DAWSONVILLE, GEORGIA 30534 4:00 PM

Those present were Chairman Billy Thurmond; Commissioner Seth Stowers, District 1; Commissioner Chris Gaines, District 2 (via teleconference); Commissioner Alexa Bruce, District 3; Commissioner Emory Dooley, District 4; County Manager Joey Leverette; County Attorneys Melissa Tracy and Karen Pachuta; County Clerk Kristen Cloud; and interested citizens of Dawson County.

Chairman Thurmond added item 4a. "Presentation of Proposed End-of-Year Distribution for County Employees" to the Work Session Agenda.

NEW BUSINESS

- Presentation of RFP #415-22 Dawson County Public Safety Radio Communications System Upgrade Presentation- Purchasing Manager Melissa Hawk / Motorola Solutions Georgia Area Sales Manager Alex Sherman This item, also presented by Motorola's Rex Goeckeritz, will be placed on the December 7, 2023, Voting Session Agenda.
- Presentation of Annual Capital Improvements Element Update Adoption- Planning & Development Director Sharon Farrell *This item will be added to the November 16, 2023, Voing Session Agenda.*
- 3. Presentation of Proposed Amendments to Alcohol Ordinance and Ordinance on Outdoor Speakers for Outlet Mall Area- Planning & Development Director Sharon Farrell *This item, presented by County Attorney Pachuta, will be placed on an upcoming agenda.*
- 4. Presentation of 2024 Payroll and Holiday Calendar- County Manager Joey Leverette *This item will be added to the November 16, 2023, Voting Session Agenda.*
- 4a. Presentation of Proposed End-of-Year Appreciation Distribution for County Employees This item, presented by Commissioner Gaines, will be added to the November 16, 2023, Voting Session Agenda.
- 5. County Manager Report *This item was for information only.*
- 6. County Attorney Report *County Attorney Tracy had no information to report and requested an Executive Session.*

APPROVE:

ATTEST:

Billy Thurmond, Chairman

Kristen Cloud, County Clerk

Page 1 of 1 Minutes 11-16-2027 Work Session

DAWSON COUNTY BOARD OF COMMISSIONERS VOTING SESSION MINUTES – THURSDAY, NOVEMBER 16, 2023 DAWSON COUNTY GOVERNMENT CENTER ASSEMBLY ROOM 25 JUSTICE WAY, DAWSONVILLE, GEORGIA 30534 IMMEDIATELY FOLLOWING THE 4:00 PM WORK SESSION

<u>ROLL CALL</u>: Those present were Chairman Billy Thurmond; Commissioner Seth Stowers, District 1; Commissioner Chris Gaines, District 2 (via teleconference); Commissioner Alexa Bruce, District 3; Commissioner Emory Dooley, District 4; County Manager Joey Leverette; County Attorney Melissa Tracy; County Clerk Kristen Cloud; and interested citizens of Dawson County.

INVOCATION AND PLEDGE OF ALLEGIANCE: Chairman Thurmond

ANNOUNCEMENTS:

None

APPROVAL OF MINUTES:

Motion passed 4-0 to approve the Minutes of the Work Session held on November 2, 2023. Stowers/Bruce

Motion passed 4-0 to approve the Minutes of the Voting Session held on November 2, 2023. Dooley/Stowers

APPROVAL OF AGENDA:

Motion passed 4-0 to approve the agenda with the following change:

- Addition of Nos. 4-6 under New Business:
 - Annual Capital Improvements Element Update Adoption
 - 2024 Payroll and Holiday Calendar
 - Proposed End-of-Year Appreciation Distribution for County Employees

Stowers/Bruce

PUBLIC COMMENT:

None

ALCOHOL LICENSE:

<u>New Alcohol License (Retail Consumption on Premises of Beer, Wine and Distilled Spirits)</u> – <u>Outback Steakhouse of Florida LLC dba Outback Steakhouse No. 1140, 14 Wallace Boulevard,</u> <u>Dawsonville, Georgia</u>

Motion passed 4-0 to approve a New Alcohol License (Retail Consumption on Premises of Beer, Wine and Distilled Spirits) – Outback Steakhouse of Florida LLC dba Outback Steakhouse No. 1140, 14 Wallace Boulevard, Dawsonville, Georgia. Gaines/Stowers

> Page 1 of 3 Minutes 11-16-2023 Voting Session



PUBLIC HEARING:

FY 2024 Proposed Budget (3rd of 3 hearings; 1st hearing was held at the November 2, 2023, Work Session and the 2nd hearing was held at the November 2, 2023, Voting Session)

Chairman Thurmond opened the hearing by asking if there was anyone present who wished to be heard on a FY 2024 Proposed Budget and, hearing none, closed the hearing.

Motion passed 4-0 to approve a FY 2024 Budget – all funds in the amount of \$69,664,740. Thurmond/Stowers

NEW BUSINESS:

<u>Consideration of FY 2024 Highway Enforcement of Aggressive Traffic Grant Award Acceptance</u> Motion passed 4-0 to approve a FY 2024 Highway Enforcement of Aggressive Traffic Grant Award Acceptance. Stowers/Bruce

Consideration of Georgia Forestry Commission Volunteer Fire Assistance 50/50 Grant Application

Motion passed 4-0 to approve a Georgia Forestry Commission Volunteer Fire Assistance 50/50 Grant Application. Stowers/Bruce

Consideration of Annexation C2400048

Motion passed 4-0 to issue no objection concerning Annexation C2400048. Stowers/Dooley

Consideration of Annual Capital Improvements Element Update Adoption

Motion passed 4-0 to approve an Annual Capital Improvements Element Update Adoption via a resolution. Dooley/Bruce

Consideration of 2024 Payroll and Holiday Calendar

Motion passed 4-0 to approve a 2024 Payroll and Holiday Calendar. Bruce/Stowers

Consideration of Proposed End-of-Year Appreciation Distribution for County Employees

Motion passed 4-0 to approve a Proposed End-of-Year Appreciation Distribution for County Employees to be distributed on December 1, 2023 – a full \$1,000 for full-time employees and a full \$500 for part-time employees for a total of \$219,327 that will come from General Fund's fund balance (distribution does not apply to elected officials or employees of Emergency Services or the Sheriff's Office). Bruce/Stowers

PUBLIC COMMENT:

None

ADJOURNMENT:

EXECUTIVE SESSION:

Motion passed 4-0 to enter into Executive Session to discuss litigation. Stowers/Bruce

Motion passed 4-0 to come out of Executive Session. Stowers/Dooley

Page 2 of 3 Minutes 11-16-2023 Voting Session



ATTEST:

Billy Thurmond, Chairman

Kristen Cloud, County Clerk

Page 3 of 3 Minutes 11-16-2023 Voting Session

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DAWSON COUNTY BOARD OF COMMISSIONERS AGENDA FORM

Department: EMS/Public Works/Sheriff's Office

Prepared By: Melissa Hawk

Presenter: Melissa Hawk

Work Session: <u>11/16/2023</u>

Voting Session: <u>12/07/2023</u>

Public Hearing: Yes x No _____

Agenda Item Title: RFP #415-22 Dawson County Public Safety Radio Communications System Upgrade

Background Information:

On September 2, 2021, the BOC awarded a contract to Federal Engineering. On July 7, 2022, the BOC approved the 700/800 MHz trunked system draft plans from Federal Engineering for the project. The estimated cost from Federal Engineering was \$10,000,000 - \$13,500,000. On December 15, 2022, the BOC approved to utilize \$3,000,000 of SPLOST VII funds for the project.

Current Information:

Federal Engineering finalized the specifications per the BOC direction and the RFP for the construction services for the radio system upgrade was released on December 27, 2022. The RFP opened on April 27, 2023, receiving 2 proposals; Communications International for \$17,150,085.22 and Motorola Solutions at \$9,296,495. Request for Clarifications from both proposers continued through September 20, 2023. Negotiations with Motorola began on September 28, 2023, and completed around November 3, 2023. This included revised scope of work for towers, site work, equipment, the location of the E911/EOC building tower and pricing. The final negotiated price is \$9,843,873. The county is requesting a 10% county-controlled contingency of \$984,387.30 (not to be part of the Motorola contract). The total project not-to-exceed cost is \$10,828,260.30.

Budget Information: Applicable: <u>x</u> Not Applicable: <u>Budgeted: Yes x</u> No _____

Fund	Dept.	Acct No.	Budget	Balance	Requested	Remaining
325					\$3,000,000.00	

Recommendation/Motion: <u>Staff respectfully requests the Board approve a contract with Motorola Solutions</u> not to exceed \$9,843,873 and a county-controlled contingency of \$984,387.30 (not part of the Motorola contract) utilizing SPLOST VII funds; and to determine how the county will provide the remaining \$7,828,260.30.

Department Head Authorization: Multiple	Date: November 3, 2023
Finance Dept. Authorization: <u>Vickie Neikirk</u>	Date:11/7/23
County Manager Authorization: Joey Leverette	Date: <u>11-16-23</u>
County Attorney Authorization:	Date:
Comments/Attachments:	

Presentation



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The Edge of The World

Photo By: Michele DeBlois

RFP #415-22 DAWSON COUNTY PUBLIC SAFETY RADIO COMMUNICATIONS SYSTEM UPGRADE

WORK SESSION – NOVEMBER 16, 2023

Background

- During the February 2021 Work and Voting Sessions, the topic of an update to the current radio system was discussed.
- The Board of Commissioners directed the then Public Works Director/SPLOST Coordinator to determine the cost of contracting with a systems expert consultant.
- After the completion of an RFI, the Board of Commissioners voted to approve a professional exemption for and enter into an agreement with Federal Engineering to design both a P25 portable VHF and 800 MHz plan.
- The BOC approved the RFP for the radio system upgrade to be released on July 7, 2022. This was released on December 27, 2022 and opened on April 27, 2023.

SCOPE COMPLIANCE MATRIX

- Federal Engineering developed a compliance matrix to be answered and adhered to by each proposer which consisted of approximately 135 points. These points are listed within 6 major sections:
 - Project Scope/Standards & Guidelines/Network Security Requirements
 - Project 25 Trunked Radio System
 - Microwave Backhaul System
 - Site Development
 - System Implementation, Test and Acceptance
 - Warranty.
- Motorola Solutions is in compliance with all points and exceeds requirements in 8 instances in the following areas:
 - Network Security Requirements
 - General Requirements for the console system
 - Portable Subscriber Units
 - Portable Subscriber Radio Law Enforcement Model

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- Microwave Backhaul System
- Site Development
- Warranty

OFFERS RECEIVED

EQUIPMENT/SERVICES	Communications International	Motorol
SYSTEM EQUIPMENT - COMBINE ALL SITE'S PRICING FOR ONE TOTAL		
System Control Equipment, Software and Licensing	\$1,295,586.85	\$604,000.0
Network Management Equipment, Software and Licensing	\$1,651,082.46	\$128,778.0
Simulcast & Voting Equipment, Software, and Licensing	\$301,808.00	\$580,260.0
Radio Frequency (RF) Site Equipment, Software, and Licensing	\$504,684.05	\$1,390,608.0
Dispatch Equipment	\$228,633.33	\$382,645.0
VHF Analog Paging/Interoperability System	\$337,291.66	\$205,658.0
Detention Center BDA/DAS Solution	\$197,710.55	\$27,635.0
Microwave Backhaul System	\$1,112,474.90	\$590,839.0
Other Equipment, Software, and Licensing		\$180,173.0
Spare Equipment	\$173,341.95	\$0.0
TOTAL EQUIPMENT PRICE	\$5,802,613.75	\$4,090,596.0
SYSTEM SERVICES		
System Installation Services	\$2,836,788.17	\$718,694.0
System Engineering Services	\$431,874.00	\$954,524.0
Project Management	\$643,110.00	\$477,813.0
System Training	\$75,880.00	\$132,038.0
Warranty Services	\$0.00	
Other - Specify	\$93,824.00	\$66,523.0
TOTAL SERVICES PRICE	\$4,081,476.17	\$2,349,592.0
CIVIL DEVELOPMENT – COMBINE ALL SITE'S PRICING FOR ONE TOTAL		
Existing Site Improvements		\$643,257.0
Greenfield Site Equipment	\$2,287,612.22	\$321,404.0
Greenfield Site Implementation Services	\$3,272,378.20	\$1,520,271.0
Other Civil Equipment or Services	<i>\$2,272,270.20</i>	¢1,020,2710
TOTAL CIVIL DEVELOPMENT PRICE	\$5,559,990.42	\$2,484,932.0
Sytems Discounts		. , . ,
Discount, if applicable	-\$500,000.00	-\$1,946,960.0
Trade-in Value, if applicable		-\$120,000.0
EQUIPMENT, SERVICES AND CIVIL DEVELOPMENT TOTAL	\$14,944,080.34	\$6,858,160.0
Subscriber Equipment		
Portable Radios	\$876,182.50	\$1,368,928.0
Mobile Radios & Control Stations	\$1,329,822.38	\$1,052,319.0
Others		\$17,088.0
TOTAL SUBSCRIBER DI S PRICE	\$2,206,004.88	\$2,438,335.00
SUBSCRIBER DEVICES DISCOUNTED PROPR 10 L TOTAL	\$2,206,004.88	\$2,438,335.00
TOTAL PROPOSAL PRICE	\$17,150,085.22	\$9,296,495.00

SUMMARY OF OFFERS RECEIVED

	COMPANY	COMPANY BACKGROUND AND STRUCTURE	EXPERIENCE & QUALIFICATIONS OF DEDICATED STAFF	PROJECT UNDERSTANDING/ APPROACH TO SCOPE OF WORK	REFERENCES	MANAGEMENT PLAN / IMPLEMENTATION	TECHNICAL SCORE	Cost/ FINANCIAL	Total SCORE
	Communications International	45	101	97	42	42	65	0	65
/	Motorola	48	103	97	44	44	67	25	92

Rounded up to nearest whole number

NEGOTIATED OFFER

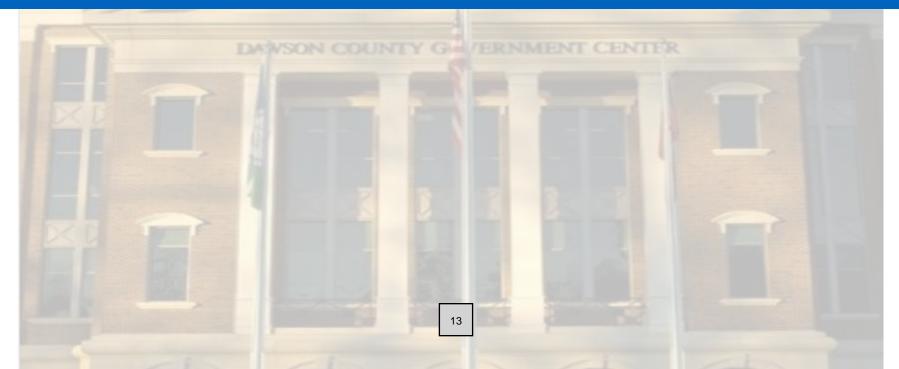
RADIO SYSTEM PRICE

RADIO SI SI EMI I RICE		
System Equipment (Price Form #2) – Combine All Site's Pricing for One Total		Discounted Price
System Control Equipment, Software, and Licensing	\$	604,000
Network Management Equipment, Software, and Licensing	\$	128,778
Simulcast & Voting Equipment, Software, and Licensing	\$	580,260
P25 Radio Frequency (RF) Site Equipment, Software, and Licensing	\$	1,390,608
Dispatch Equipment	\$	382,645
VHF Analog Paging/Interoperability System	\$	205,658
Detention Center BDA/DAS Solution	\$	27,635
Microwave Backhaul System	\$	821,347
Other Equipment, Software, and Licensing	\$	190,471
Spare Equipment (as proposed submittal)		Included
Spare Equipment (Round 1 Negotiations Microwave)	\$	13,04
TOTAL EQUIPMENT PRICE	\$	4,344,446
System Services (Price Form #3)		
System Installation Services	\$	718,694
System Engineering Services	\$	954,524
Project Management	\$	477,813
System Training	\$	132,038
Warranty Services Years 1-3 as proposed	\$	-
Other Equipment, Software, Licensing, and Performance Bond	\$	66,523
TOTAL SERVICES PRICE	5	2,349,592
Civil Development (Price Form #4) – Combine All Site's Pricing for One Total		
Existing Site Improvements	\$	844,954
Greenfield Site Equipment	\$	50,631
Greenfield Site Implementation Services	\$	1,828,937
Other Civil Equipment or Services	\$	30,000
TOTAL CIVIL DEVELOPMENT PRICE	\$	2,754,522
S YS TEM DIS COUNTS		
System as Proposed	\$	(1,492,636
Combined Infrastructure & Subscriber Incentive	\$	(454,324
Dispatch Console Trade-in Incentive	\$	(120,000
	\$	7,381,600

SUBSCRIBER DEVICES PRICE SUMMARY Subscriber Equipment (Price Form #5) **Discounted Price** Portable Radios 1,392,866 \$ Mobile Radios & Control Stations \$ 1,052,319 \$ Others 17,088 **JBSCRIBER DEVICES PRICE** \$ **TOTA** 12 2,462,273 Proposed Options are not included in Summary pricing FORM #1 **TOTAL PROPOSAL PRICE** 9,843,873 \$

Public Safety Radio Communications System Upgrade

NOV 16, 2023 | DAWSON COUNTY, GEORGIA



INTRODUCTIONS



Alex Sherman Georgia Area Sales Manager

Amy Jenkins Account Manager

Rex Goeckeritz System Engineer

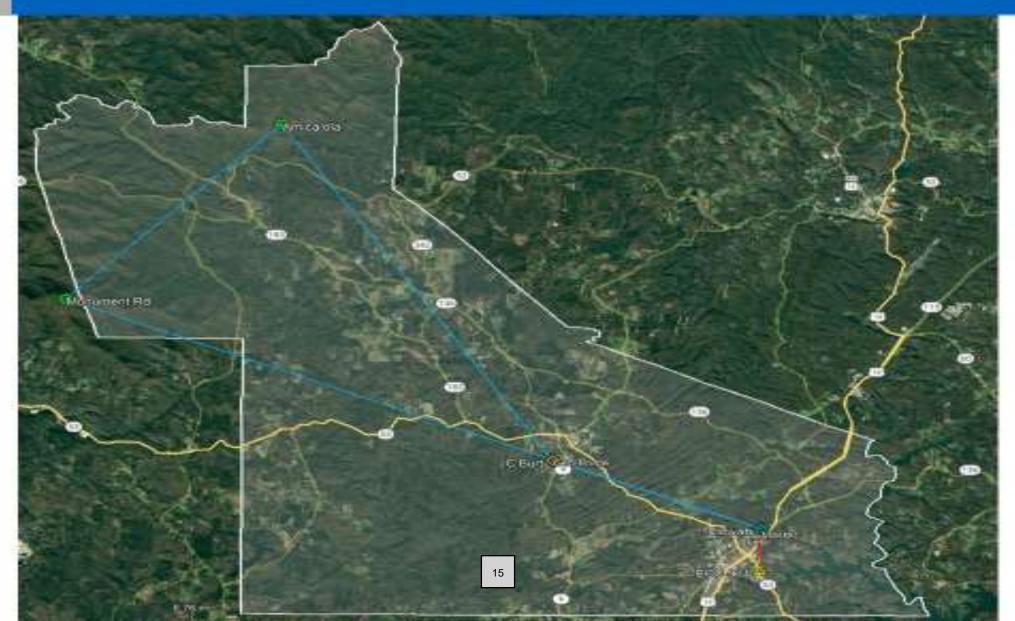
Jay Nix Motorola Site Team Manager

Stacy Chick Strategic Projects Area Sales Manager



SYSTEM OVERVIEW







DESIGN OBJECTIVES



Coverage

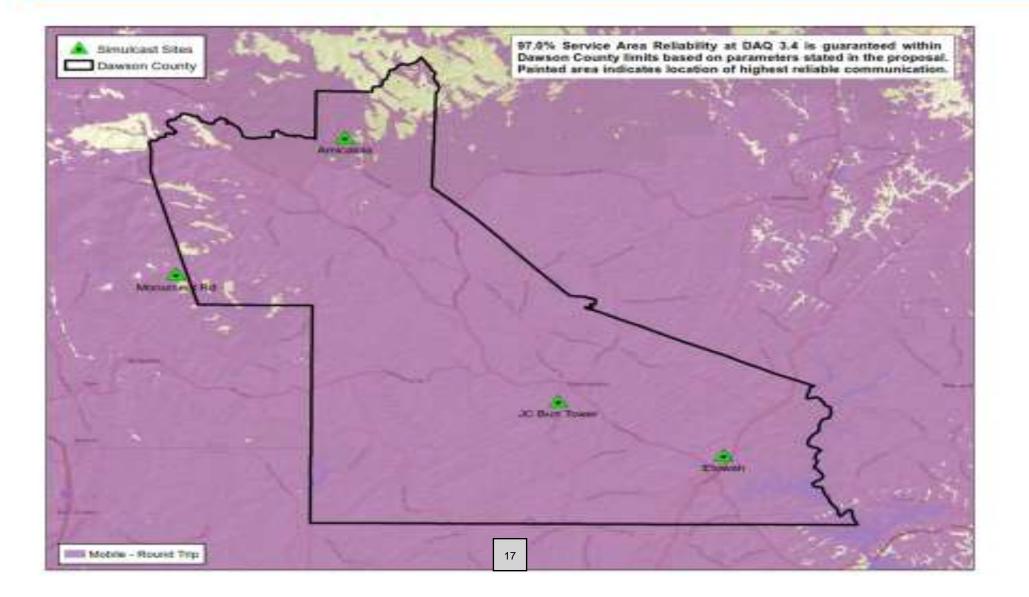
- Capacity
- Interoperability
- Resiliency





Countywide Coverage







Guarantees



Service Area Reliability Guarantees						
Service Area	Subscriber (per F.6.1.2)	Channel Performance Criteria (CPC)	Area Reliability per RFP	Coverage Target Compliance Level	Guaranteed Area Reliability	
Dawson County	P25 TDMA Mobile	DAQ 3.4	95%	Exceeds	97.0%	
Motorola Solutions' proposal meets and exceeds the RFP spec of 95% by providing 97.3% reliability for the county's geographic service area. When we test all accessible roads we expect to achieve 98% reliability on accessible roads based on the Open Street Maps database.*						
Dawson County	P25 TDMA Portable, outdoor	DAQ 3.4	95%	Compliant	95.0%	
Motorola Solutions' proposal meets the RFP spec of 95% reliability for the county's geographic service area. When we test all accessible roads we expect to achieve 96-97% reliability on accessible roads based on the Open Street Maps database.*						
Dawson	VHF Analog Mobile	DAQ 3.0	N/A	Compliant	98.0%	
County	Motorola Solutions' proposal provides 98% reliability for the county's geographic service area. When we test accessible roads we expect to achieve 98% reliability on accessible roads based on the Open Street Maps database.*					
Motorola Solutio accessible road						
Motorola Solutio accessible road						

~2200 tiles will be accessible.



SITE SELECTION



- Prioritize existing sites, County-owned v Leased.
- Identified Constructible Locations
- Best for coverage vs cost?
- Contribute to system resiliency?
- Regulatory concerns?
- Do selected sites work with network requirements?



Etowah





- Existing shelter to be reused
- New 250' tower, New generator
- Provides great coverage for SE Dawson County
- Good proximity to new Dispatch, ideal for Master Site

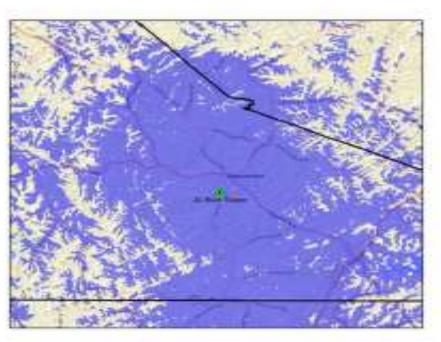


JC Burt









- Existing shelter and generator to be reused
- New 300' tower

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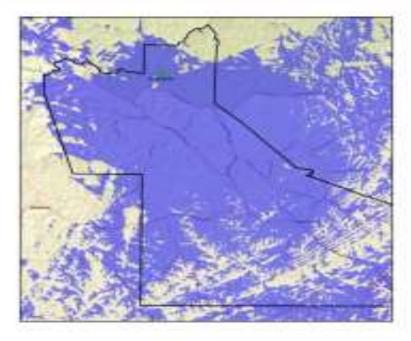
 Provides great coverage for Dawsonville



Amicalola State Park







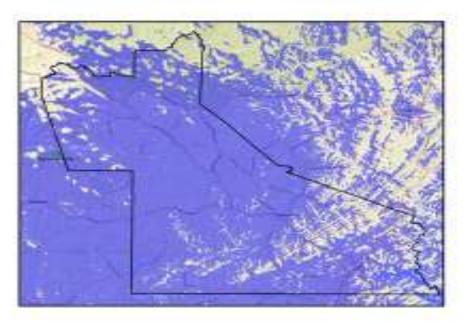
- New 150' tower, shelter, and generator
- Line of sight with almost all the County
- Provides coverage in the north and south west areas within Dawson County



Monument Rd







- New 150' tower, shelter, and generator
- Has line of sight with almost all the County
- Provides coverage in N and SW Dawson County
- Provides coverage
 redundancy for Amicalola

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School Safety



Buildings Requiring RF Coverage				
Name of Building	Street Address			
Black's Mill Elementary School	1860 Dawson Forest Road, East, Dawsonville, GA 30534			
Kilough Elementary School	1063 Kilough Church Road, Dawsonville, GA 30534			
Riverview Elementary School	370 Dawson Forest Road, West, Dawsonville, GA 30534			
Robinson Elementary School	1150 Perimeter Road, Dawsonville, GA 30534			
Dawson County Junior High	109 Allen Street, Dawsonville, GA 30534			
Dawson County Middle School	5126 Hwy 9 South, Dawsonville, GA 30534			
Dawson County High School	1665 Perimeter Road, Dawsonville, GA 50534			
Dawson County LEC/Detention Center	19 Tucker Avenue, Dawsonville, GA 30534			
Dawson County Government Center	25 Justice Way, Dawsonville, GA 30534			

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- Detention Center BDA will be upgraded to 7/800 MHz
- Other buildings will be guaranteed coverage up to 20dB

System Capacity - Preparing for Growth

- System provides six (6) 800MHz channels with TDMA -11 talkpaths – 450% increase in capacity
- System Capacity for today's subscribers, plus 2% growth YoY for 10 years.
- Towers, shelters, and racks sized for 25% expansion
- DC power sized for additional 25% load







New EOC-911, Liberty Drive



- 4 AXS Console Positions with Backup
- Network Management Client
- IP Logging Recorder Ready
- New 120-ft Monopole for Microwave



AXS CONSOLE







INTEROP FEATURES



- Investment in a standards-based technology
- VHF Analog Conventional Channel Overlay System
- Interoperable All-band Consolettes

System Capacity for visiting subscribers

SYSTEM AVAILABILITY & REDUNDANCY





RESILIENCY FEATURES

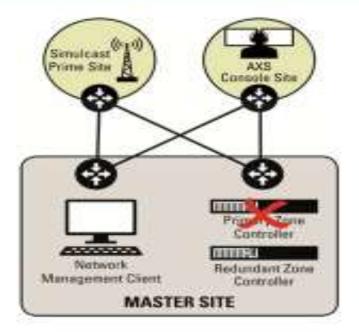


- Hardware/Software Redundancy
- Network Path Redundancy
- Geographic Redundancy
- DC Backup Power
- Backup Control Stations
- Security (MDR)

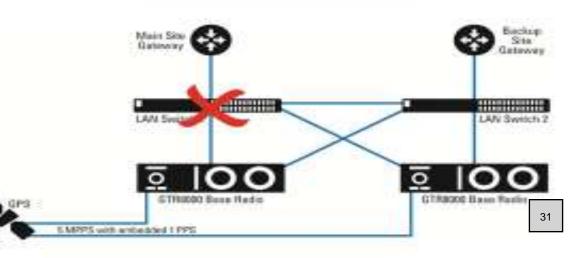


HW/SW REDUNDANCY





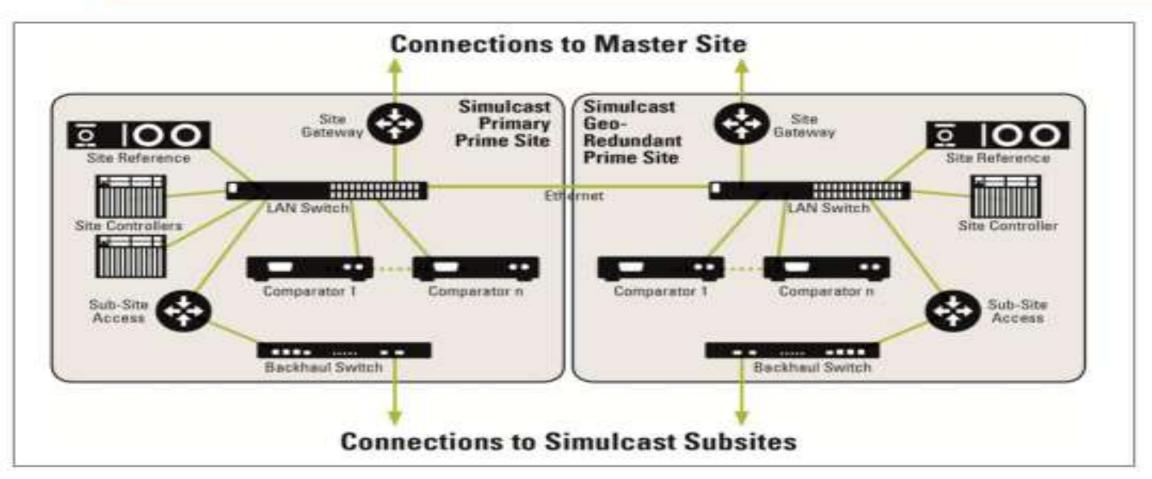
- All controllers
- All comparators
- All site gateways
- All site LAN switches
- Redundant GPS
- Dual Feed power supplies





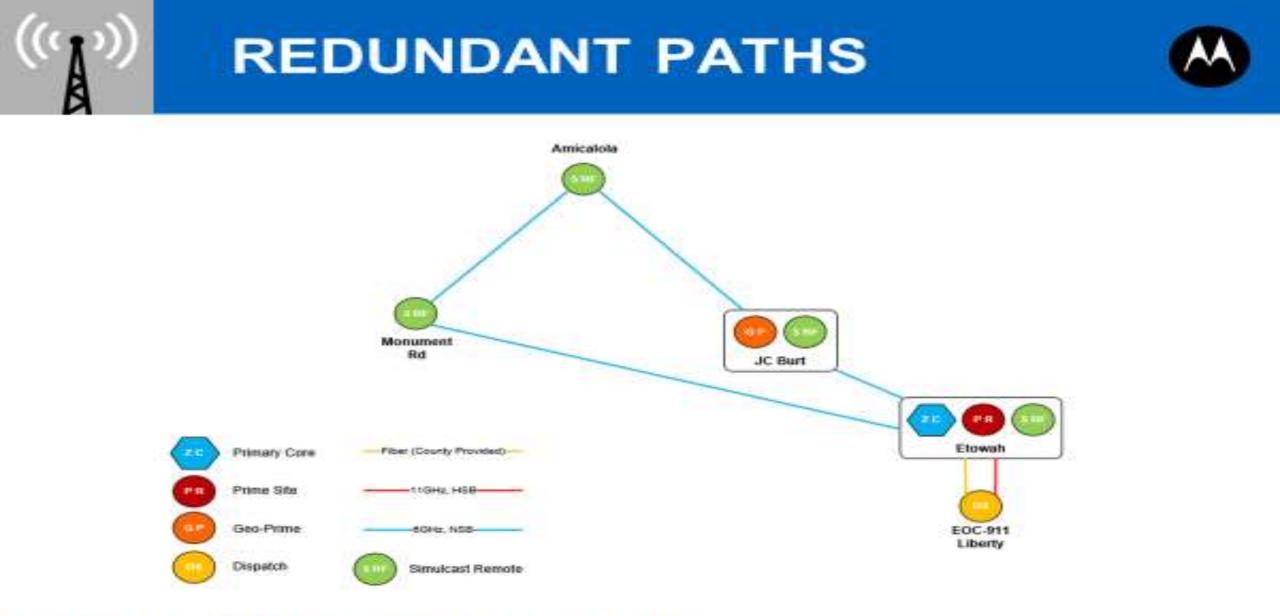
GEOGRAPHIC REDUNDANCY





Geographical separation protects against full site failures

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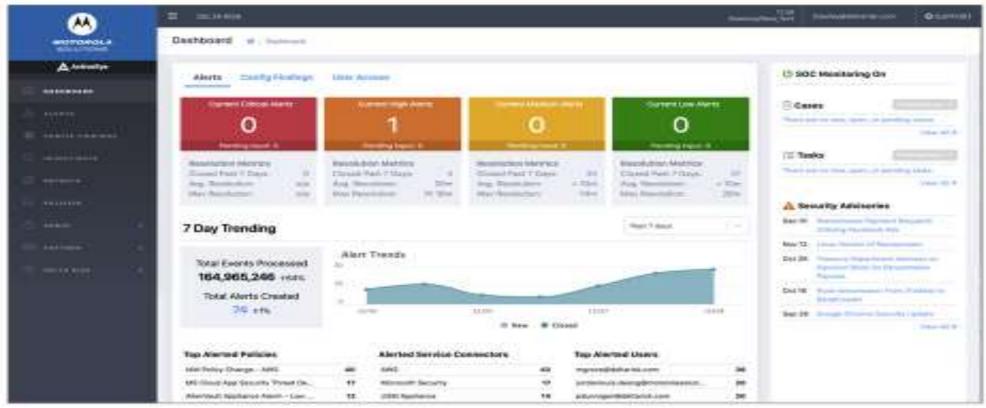


- Each site has two paths to controller
- Ring MPLS backhaul design with ³³ ISB spur and fiber redundancy



SECURITY





- Security focused design
- More than Intrusion Detection
- Advanced Threat Detection and Response
- Single Dashboard for threat 34 isibility



SUMMARY







Staff Recommendation

Staff respectfully requests the Board to accept offers received and award a contract to Motorola Solutions, for the public safety radio communications system upgrade, in the amount not to exceed \$9,843,873.00, approve County-controlled Contingency Funds in the amount of \$984,387.30; for a total project amount of \$10,828,260.30; and determine the method of funding the amount above the SPLOST VII approved amount of \$3,000,000.00.