



EXECUTIVE OFFICE OF TECHNOLOGY SERVICES & SECURITY

COMMONWEALTH OF MASSACHUSETTS | 1 ASHBURTON PLACE, 8TH FLOOR, BOSTON, MA 02108

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April 30, 2025

Frank Pozniak
Executive Director
State 911 Department
151 Campanelli Dr., Suite A
Middleborough, MA 02346

RE: FISCAL YEAR 2025 - COMIRS 3RD QUARTER REPORT
(Reporting Period January 1, 2025 – March 31, 2025)

Dear Director Pozniak,

In accordance with Department of Telecommunication and Cable (hereinafter D.T.C.) Order 18-2 dated June 29, 2018, D.T.C. Order 19-2 dated May 16, 2019, D.T.C. Order 20-1 dated May 26, 2020, D.T.C. Order 21-3 dated May 26, 2021, D.T.C. Order 22-1 dated June 1, 2022, D.T.C. Order 23-2 dated June 14, 2023, D.T.C. Order 24-2 dated June 4, 2024, and the State 911 Department's Guidance Document as issued to the Executive Office of Technology Services and Security (hereinafter EOTSS) on or about September 9, 2020, I respectfully submit the Fiscal Year 2025 3rd Quarter Report for the Commonwealth's project to modernize, improve, and expand its interoperable public safety radio system (hereinafter CoMIRS).

The 3rd Quarter of Fiscal Year 2025 was highlighted by:

- the continuation of activities necessary to prepare for TDMA radio network implementation,
- the implementation of substantive construction activities at Phase 1A sites,
- the update of site selection in the Boston metropolitan area,
- the coordination of the shared use of the Mt Wachusett summit,
- the development of engineering and leasing documents for planned communications sites in Phases 1B, 1C, and 1D (together referred to as "Phase 1B+"),
- the sharing of program information and coordinated planning with CoMIRS stakeholders, and
- the continued monitoring and auditing of the CoMIRS budget and expenditures.

The details of the program activities recorded during the reporting period are described below.

THE CoMIRS PROGRAM MANAGEMENT OFFICE'S (PMO) CONTINUATION OF ACTIVITIES IN PREPARATION OF THE IMPLEMENTATION OF THE COMMONWEALTH'S TDMA RADIO NETWORK:
(CoMIRS Strategic Plan Roadmap Major Activity 6.2.8, "Prepare for TDMA Radio Network Implementation")

The PMO continues to meet both virtually and in-person with the Motorola project team, multiple times per week, on an unlimited number of technical and/or contract administration issues. Site visits are regularly performed by members of the CoMIRS, Motorola, and subcontractor teams involved in system implementation, engineering, and construction. Construction teams are managed by a Motorola construction manager and are often accompanied in the field by technicians and engineers from the Department of State Police. All contractors working on CoMIRS sites have proper certificates of insurance and meet State Police access requirements, including CORI background checks, where applicable.

The CoMIRS PMO is responsible for the timely execution of agency agreements, the review and approval of engineering designs, the coordination with land and tower owners, the issuances of authorizations to pull building permits and notices to proceed for construction, and the oversight of the overall project schedule.

CoMIRS PROGRAM MANAGEMENT OFFICE (PMO) ACTIVITIES YIELDING SUBSTANTIVE CONSTRUCTION MILESTONES:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, Lease or Upgrade Radio Sites”)

Beginning in December of 2023, the PMO authorized the initiation of major civil construction activities in support of the modernization of the CoMIRS radio system. The construction activities at these sites can include:

- improvements to site access roads,
- installation or repair of equipment shelters,
- improvements to HVAC,
- upgrades to electrical and emergency generator systems,
- installation and/or upgrades of ice bridges and ice shields,
- compound improvements, including gate and fence repairs,
- site access security and video surveillance installation,
- tower remediations,
- custom mount installations,
- decommission of old antenna systems, dishes, lines, and mounts,
- installation of new antenna systems, dishes, lines, and mounts, and
- other services needed to establish mission critical communication sites.

Below is a list of the four (4) building permitting authorizations (“BPA”) issued during the 3rd Quarter of FY 2025 by the CoMIRS PMO. These BPAs are major project milestones issued by the CoMIRS PMO to Motorola Solutions that serve as a formal approval to submit building permitting applications on behalf of the project and initiate mobilization planning for civil construction at the specified communications site. BPAs may include specific conditions for the approved construction activities, issued by CoMIRS, the tower owner, the landowner, an access road owner, or other party. The FY 2025 3rd Quarter BPAs include:

- Springfield-Tower Square (SBA Site Management, LLC & Springfield Tower Square, LLC, building permitting authorized on 2/13/2025)
- Westboro-Mt Nebo (Massachusetts Department of Transportation, building permitting authorized on 2/27/2025)
- Fitchburg-Rollstone Hill (City of Fitchburg, building permitting authorized on 2/28/2025)
- Hanson-Industrial Blvd (Plymouth County, building permitting authorized on 3/27/2025)

Additionally, the CoMIRS PMO issued four (4) additional notices to proceed (NTPs) for construction during the 3rd Quarter of FY 2025. NTPs are issued when all appropriate owner, building inspector, and other approvals have been obtained and when the CoMIRS PMO concurs with the plan to be implemented at each site, including coordination and planning regarding any outages that existing CoMIRS users may

experience during construction activities. Any specific conditions for construction issued by CoMIRS or the tower or site owner are included in the NTP document. The FY 2025 3rd Quarter NTPs include:

- Tolland-E Otis Rd (Crown Castle, NTP for construction issued on 1/8/2025)
- Framingham-GHQ Shelter Microwave (Massachusetts State Police, NTP for construction issued on 1/29/2025)
- Middleboro-DHQ Shelter (Massachusetts State Police, NTP for construction issued on 1/29/2025)
- Pelham-Rte 202 (Industrial Communications, NTP for construction issued on 2/26/2025)

Engineering and planning for several Phase 1B+ sites are near complete. The CoMIRS PMO expects to issue additional BPAs and NTPs throughout the spring and summer of 2025.

THE JOINT CoMIRS-MOTOROLA PROJECT TEAM CONTINUES TO CONDUCT RADIO SITE VISITS:
(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

The CoMIRS PMO and the Motorola Solutions project team continue to conduct numerous site visits to assess existing communications sites, evaluate new sites, and plan the RF and backhaul network. Field visits are conducted utilizing joint Commonwealth and Motorola teams, and result in a development of project deliverables, including equipment inventories, compound and tower diagrams, and microwave path reports. These deliverables are used to support lease applications, obtain owner approval for compound and tower changes, inform civil engineers conducting tower structural analyses, perform equipment delivery and installation, and construct communications sites. Project deliverables are posted to the Commonwealth’s Microsoft SharePoint site.

ONGOING MAPPING AND STRUCTURAL ANALYSIS ACTIVITIES, ENVIRONMENTAL ASSESSMENTS AND PRE-CONSTRUCTION REPORTS FOR COMMUNICATIONS TOWERS:
(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

There are forty-four (44) communications towers in Phase 1A and forty-three (43) communications towers in Phase 1B+ of the CoMIRS+P25 system implementation that will require the project team or the tower owner to complete a structural analysis to assure that the added or changed load on the tower can be properly handled by the communications tower and its foundation. If the added load exceeds national standard engineering thresholds for the designated tower class, then the tower must be remediated to handle the additional load. These remediations may include such repairs or improvements as reinforcing tower legs with steel, repouring or expanding tower or anchor foundations, replacing, or adding guyed wires, or, if needed and financially viable, replacing an existing tower. Much of the allowances planned for “Tower Remediation” are reserved to fund these required tower improvements.

Phase 1A Site Work Summary Through December 31, 2024

Below are the major activities completed through the end of this quarterly reporting period. The metrics reported below are based on site completions. For instance, a site may have multiple antenna systems installed on its tower. The “Antennas and Lines (A&L) Completed” metric below will show a completion of “1” for each site where all antenna systems planned for that site are installed. It is not a count of the number of antenna systems installed, but rather a count of the completion of a major activity at each of the planned communication sites. Additionally, metrics may change across reporting periods based on changes to approval status, changes to project needs, evolution of engineering designs, or other criteria.

Each major activity is described in narrative, including a discussion of why that project activity is needed. Under each narrative description is a table summarizing the total number of communication sites that need that major activity completed and how many have been completed through the end of the reporting period for the whole project and for just those sites in Phase 1A. At the far right of these tables are counts by quarter of FY 2025 in which it is reported that this activity has been completed at a communication site. Please note that some activities are recorded as “TBD” until a formal determination has been made about the need for that activity at each individual communication site.

Construction activities during the 3rd Quarter were limited by winter weather and site accessibility. The CoMIRS PMO expects increases in construction activities in the 4th Quarter as sites become more accessible and towers are no longer ice covered.

SOW Completed: The scope of work (SOW) document is a tabulated list of all work to be performed at a site. It includes a list of changes to the scope, with the appropriate financial credit or debit for the change. The SOW document aids in tracking scope changes at individual sites and provides a mechanism for agreement on approved scope between the CoMIRS PMO and Motorola Solutions. These documents are used to finalize subcontracting agreements for services and equipment to be provided to a project site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
114	0	55	48%	45	0	41	91%	0	4	7	

Geotech Completed: A sample of earth is taken through a core boring at the locations for a foundation. This core boring produces a cylinder of the strata of soils until an adequate depth or bedrock is reached. A report on the soil conditions is produced from the collected samples. The geotechnical study provides information on specific soil conditions at a site. This information is used to provide an accurate structural analysis of a tower or in the design of a new foundation for a tower.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
18	16	18	100%	8	0	8	100%	0	0	1	

Structural Analysis Completed: A structural analysis is a calculated determination of the loading of a tower compared to its loading capacity, done to meet the TIA/EIA-222 standard. All discrete loads (antennas, dishes, and other items attached to the tower) and continuous cabling loads are considered in the analysis. The analysis is based on a proposed final loading of the tower. A structural analysis validates the structural integrity of the tower to support the proposed loading through inclement weather, including ice.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
89	0	56	63%	44	0	35	80%	1	8	13	

Tower Remediation Design Completed: A tower remediation design is a detailed design for modifications to a tower that fails its structural analysis. A tower remediation design provides the engineering documentation needed to bid the tower modification work. The tower modifications, in turn, bring towers back into compliance with best standards and practices for tower loading.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4

12	56	11	92%	6	16	5	83%	0	0	5
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NEPA Completed: A NEPA study is an analysis of the environmental, aesthetic, and historic impact of proposed work at a radio site. Depending on the significance of the proposed work, either a categorical exclusion or an Environmental Assessment (EA) will be required. In addition, a National Historic Preservation Act (NHPA) review is conducted. Completion of the NEPA review process ensures compliance with federal regulations with the goal of protecting the local environment and designated historical sites.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
90	1	77	86%	43	1	38	88%	16	9	13	

FAA Screening Completed: The FAA screening consists of determining whether an FAA Obstruction Evaluation (OE) is required for a tower. Adhering to the results of FAA screening ensures the CoMIRS system is in compliance with FAA regulations. As a result, some towers may require specific types of aviation standard painting or tower top lighting to promote aviation safety.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
89	0	84	94%	44	0	42	95%	37	4	1	

100% Construction Drawing Completed: A construction drawing (CD) is a multi-page document with work details, relevant specifications, and drawings of the work proposed at a site. The final set is stamped and sealed by an engineer of record that all work is specified according to best standards and industry practices. Construction drawings provide an on-site reference for the crew of the work to be completed and how to properly complete it. CDs also serve as an agreement document between vendor and customer on what work is to be completed and how it is to be completed.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
90	0	53	59%	45	0	39	87%	4	4	12	

Building Permit Pulled: A building permit (BP) is required for most site work involving changes to tower and compound equipment. The building permit is needed to ensure compliance with any authorities having jurisdiction where the sitework is being performed. Depending on the ownership of the communication site land, the building permit may be pulled with the approval of a municipal building inspector or state building inspector.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
89	0	40	45%	44	0	35	80%	17	4	3	

Notice to Proceed for Construction Issued: A notice to proceed (NTP) is a formal acknowledgement issued by the site owner and/or caretaker allowing a contractor to begin the proposed work at a site. Written permission from a site owner is required by most jurisdictions. It is an important legal step in the sitework process and assures that the landowner is fully aware of the proposed work prior to commencement of construction activities. NTPs often include the rules governing construction approval, including any required notifications, access controls, and completion deadlines.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
99	18	41	41%	50	0	38	76%	17	3	4	

Construction Started: This milestone denotes the formal beginning of construction activities at a site. Construction activities typically include a pre-construction kickoff meeting where all involved parties meet to discuss the work to be performed and any rules or considerations for accessing the site or completing the agreed upon scope of work. Tracking the start date of construction helps in tracking work progress.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
95	0	35	37%	50	0	33	66%	8	6	3	

Underground Utilities Completed: This activity tracks when any underground runs of utility power from the utility demarcation point to the shelter are complete. Having utility work completed allows for the shelter to be powered up, providing an air-conditioned environment suitable for fixed network equipment (FNE). Equipment installation is not recommended until this step is complete.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
10	73	10	100%	10	30	10	100%	0	5	2	

Underground Grounding Completed: This activity tracks when any underground grounding halo and connections to the halo are complete. Having a complete and continuous underground grounding system provides electrical protection to outdoor and indoor equipment at a site. Grounding systems prevent damage to equipment from lightning and/or electrical surges and are typically installed prior to electronic equipment delivery and installation.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
26	61	25	96%	25	18	24	96%	4	7	2	

Compound Final Grade Completed: After all below grade work has been completed, the compound is brought up to final grade and compacted and the specified rock fill has been distributed over top. The final grading of a site returns the ground level to that proposed as part of site work. This activity provides a level surface for final stoning and filling of a site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
3	47	3	100%	3	9	3	100%	0	0	1	

Antennas and Lines (A&L) Completed: This activity tracks when all antennas and lines have been installed, relocated, or removed as called out in the scope of work. Antennas and lines being installed allow for the delivery and installation of FNE equipment in the shelter. Without antennas and lines, the FNE equipment cannot be configured and optimized.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
84	9	26	31%	42	3	26	62%	5	7	1	

Line Sweeps Completed: Line sweeps are measurements taken by a spectrum analyzer or service monitor tool to capture performance of any installed RF cabling. Line sweeps provide assurance that lines and antennas are to specification and will operate as intended. The line sweeps provide a mechanism for identifying issues along lines and connections to antennas and other equipment.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
89	9	26	29%	47	3	26	55%	5	7	1	

FNE Equipment Delivery Completed: This activity tracks when all fixed network and radio equipment has been delivered to the site. Proper tracking of this milestone allows Motorola to schedule crews for the installation and configuration of equipment shortly after delivery.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
86	0	2	2%	41	0	2	5%	0	0	2	

GTRs Installed: This activity tracks when GTR8000 radios and associated radio equipment have been installed, powered up, configured, and tested. The GTR radios are a vital component of a Motorola radio site. Their readiness is required along with DC power and backhaul to optimize a site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
81	0	2	2%	41	0	2	5%	0	0	2	

Microwave Installation Completed: This activity tracks when all microwave equipment has been installed, powered up, configured, and tested at a communications site. Installation of the microwave equipment allows for the proposed connectivity to the site to be operational. It is a key component to having the site on the air.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
12	77	10	83%	10	31	10	100%	3	5	2	

Video Surveillance Completed: This activity tracks when the installation and configuration of site security video cameras is completed. Installation and configuration of the video surveillance equipment provides security and site awareness from the point of turn-up. This is critical for maintaining the security and operations of each site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
43	46	38	88%	38	6	35	92%	9	14	3	

Access Control Completed: This activity tracks when the installation and configuration of site access control panels is completed. The access control system provides a centralized access control system for authorized personnel to gain entry to sites. This is critical for maintaining the security and operations of each site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
41	48	38	93%	38	6	35	92%	10	13	3	

AUTHORIZED EXPENDITURES FROM CONTRACT “ALLOWANCES”:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

As part of the contract with Motorola Solutions, a portion of the overall contract price was reserved for project expenses that could not be fully identified or costed at the time of contract signing. These include large expenditures like tower remediations and smaller expenditures like required NEPA studies.

During the 3rd Quarter of Fiscal Year 2025, the PMO authorized new expenditures from the Allowances in the amount of \$63,893.98 from:

TO 036 Phase 1A Fiber Buildouts (\$63,893.98)

TO 036 funds the completion of fiber links at six Phase 1A communications sites. The fiber provider is responsible for connections to an agreed upon demark location. This task order funds the civil and electrical work required to complete the fiber connections to the CoMIRS communication shelter and equipment. Some sites require trenching and conduit installation to complete the fiber connections.

Additionally, during the 3rd Quarter of Fiscal Year 2025 the PMO authorized payment for previously authorized expenditures in the amount of \$1,117,744.57, including:

TO 019 Tower Remediation Chester, Savoy, Sunderland – Tower Remediation (\$319,056.36, approved 3/19/2025)

TO 021 Kohler Portable Generator – Site Improvements (\$119,944.21, approved 3/8/2025)

TO 024 Ragged Hill Transition Improvements – Site Improvements (\$170,448.51, approved 3/10/2025)

TO 025 Mt Grace Tower Remediation – Tower Remediation (\$193,030.49, approved 3/8/2025)

TO 032 Wilbraham Geo and FM – Tower Remediation (\$14,573.00, approved 3/20/2025)

TO 034 Framingham UPS Replacement – Site Improvements (\$300,692.00, approved 3/20/2025)

During this quarter, the PMO also approved an amendment to TO 010 Phase 1A Statement of Work Site Improvements. This amendment replaced line items for not-to-exceed services that are no longer needed with line items covering individual equipment and service items across various Phase 1A communications sites. The original value of TO 010 was \$575,425.84. The amended value of the task order is \$575,047.67.

During this period, the CoMIRS PMO and Motorola Solutions project managers agreed upon the following adjustments to existing Task Orders. These adjustments return previously authorized but currently unneeded Task Order line items to the overall Project Allowances financial bucket. These returned funds are available to be committed to other task orders yet to be issued.

TO 010 Ph1A SOW Site Improvements (CO 003) (Site Improvements, returned \$378.17 to Project Allowances)

TO 034 Framingham UPS Replacement (Site Improvements, returned \$32,326.22 to Project Allowances)

Below is the summary budget for each Allowance category. The full value of all Allowances is still \$18,476,554.00. Through the end of the 3rd Quarter of FY 2025, \$6,769,116.64 has been authorized to be expended from Allowances, and \$3,915,062.71 has been expended (approved for payment). \$109,472.70 has been returned to the Allowances budget, leaving \$11,816,910.06 (64.0%) remaining in Allowances.

Allowance Category	Baseline Budget	Authorized	Expended	Returned to Allowances	Remaining (Baseline - Authorized + Returned)	Remaining Percent
Approved Additional Expenditures	\$ 28,752.00	\$ -	\$ -		\$ 28,752.00	100.0%
Backhaul Improvements	\$ 1,510,592.00	\$ 1,376,523.32	\$ 717,826.87		\$ 134,068.68	8.9%
Frequency Licensing	\$ 88,174.00		\$ -		\$ 88,174.00	100.0%
Permitting, NEPA & Compliance	\$ 550,324.00	\$ 53,353.66	\$ 46,951.21	\$ 6,402.45	\$ 503,372.79	91.5%
Site Improvements	\$ 6,994,080.00	\$ 3,513,665.53	\$ 2,218,158.82	\$ 32,704.39	\$ 3,513,118.86	50.2%
Tower Remediation	\$ 9,304,632.00	\$ 1,825,574.13	\$ 932,125.81	\$ 70,365.86	\$ 7,549,423.73	81.1%
Total	\$ 18,476,554.00	\$ 6,769,116.64	\$ 3,915,062.71	\$ 109,472.70	\$ 11,816,910.06	64.0%

Several new Task Orders are expected to account for Phase 1B, 1C, and 1D sites and for additional, unplanned construction expenses related to Phase 1A sites. In addition, the CoMIRS PMO has been in discussions with Motorola Solutions about how the Contractor will adhere to contract provisions as a critical piece of radio equipment (the GTR 8000 base station) will be reaching the end of manufacturing during or shortly after this project. Any changes in equipment from the GTR 8000 base station to the new D-Series base station are expected to be documented in a project Change Order. Change Order 005 is expected to be proposed by Motorola Solutions in the 4th Quarter of FY 2025.

EXECUTION OF MASTER SERVICE AGREEMENTS WITH COMMERCIAL COMMUNICATION SITE PROVIDERS: (CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

The communication sites that are planned for the CoMIRS+P25 system include a combination of Commonwealth agency owned sites, county or municipality owned sites, and commercial or privately-owned sites. For Phase 1A of the CoMIRS+P25 system implementation, many of the planned sites are already subject to a formal lease. The approach for communications sites with existing leases focuses on amending existing leases under the existing agreements with the site owner.

For Phase 1B+ of the CoMIRS+P25 system implementation, several new commercial sites are planned. For these new sites, the CoMIRS PMO led efforts to create a new department contract for leasing commercial tower space. This department contract may be used by the EOTSS or MSP. The Land Mobile and Microwave Radio Communication Equipment Site and Tower Installation Rights Procurement (COMMBUYS Bid# BD-22-1060-ITD00-ITD00-70921) was structured to have two parts. Part 1 established a list of pre-approved communications sites vendors. Part 2 solicited bids for the use of communications sites within twenty-seven specific geographic areas. Awards under Part 1 or Part 2 are posted to COMMBUYS.

To date, five apparent successful awards have been announced, and master service agreements have been executed with American Tower LLC, Crown Castle USA Inc., and Industrial Tower & Wireless LLC. These master agreements will facilitate the execution of site-specific agreements that will form the CoMIRS+P25 network constellation. The CoMIRS PMO is authorized to enter into lease negotiations for sites procured through this RFR with companies that have executed a master service agreement under this contract.

Master service agreements with additional bidders and lease negotiations at several sites are on-going.

REVIEW, ANALYZE, AUTHORIZE AND PROCESS THE PURCHASE OF REPLACEMENT SUBSCRIBER UNITS FOR OPERABLE USERS OF THE CoMIRS NETWORK:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.7, “Acquire TDMA Digital Radios for Current [Network] Users”)

The CoMIRS PMO has been developing plans to “upgrade” approved subscriber units that are digital radio system capable but lack one or more licenses or features that are required to properly operate on the CoMIRS+P25 system. The installation of these additional features will be a logistical challenge as each radio must be individually examined to determine what specific features the radio needs. Once the radio has been examined and payment has been approved, the necessary feature sets will be installed. The PMO has allocated project funds to complete the upgrade initiative and will report further on the initiative once it is planned to be implemented in full. The CoMIRS PMO has continued working with Motorola Solutions on an approach to upgrade these radios and expects to enter into an agreement for these radio upgrades in the 4th Quarter of FY 2025.

Motorola Solutions has indicated that certain older Motorola radio models may only be upgraded through June 2025. The CoMIRS PMO has been working with Motorola Solutions to extend that upgrade by date. An update on this program will be provided in the 4th Quarter report.

THE PMO CONTINUES TO MEET WITH CoMIRS STAKEHOLDERS AS A MEANS TO KEEP THEM INFORMED OF THE PROJECT’S PROGRESS AND IMPLEMENTATION SCHEDULES AND TO NEGOTIATE AGREEMENTS FOR THE NEW DIGITAL SYSTEM:

In the 3rd Quarter of Fiscal Year 2025, the PMO continued outreach to user agencies that have subscriber radio fleets that will need upgrading, provisioning, and programming to use the new digital system. Additionally, to transition to the new CoMIRS+P25 system many core-connected console agencies will need to coordinate self-financed site infrastructure upgrades to meet the minimum requirements of the new system. The CoMIRS PMO has been available to help answer questions regarding these infrastructure and radio subscriber investments. The CoMIRS PMO is also collaborating with user agencies on changes to how their users will use the new system, including revising talkgroups to better support the operational use of the new system.

Additionally, the CoMIRS PMO continued efforts to promote interoperability across agencies and communities in the Boston metropolitan area. The CoMIRS PMO is in support of an option that provides seamless integration across the CoMIRS+P25 system and the recently implemented City of Boston P25 system. In October 2024, the CoMIRS PMO provided a detailed evaluation of options including coverage provided by different system integration approaches. Following up on the recommendation to pursue a “single system” approach, the CoMIRS PMO helped draft a memorandum of agreement that could be used to govern this shared system.

As of the 3rd Quarter, the CoMIRS PMO has been unable to obtain support from the City of Boston for this “single system” approach. Without an agreement on a shared system, the CoMIRS PMO will proceed with site acquisition planning intended to provide coverage and capacity in the Boston metropolitan system from CoMIRS owned radio sites. This approach will likely require two additional sites to be implemented in the Boston metropolitan area as part of IS-1. These sites are planned to be funded by Allowances.

The CoMIRS PMO continues to work with the City of Worcester and the Town of Shrewsbury on a shared infrastructure agreement for the integration of the five-site Worcester-Shrewsbury system with the CoMIRS+P25 system. A draft agreement has been provided to representatives of the City of Worcester and the Town of Shrewsbury. Follow-up activities on this agreement are on-going. The managers of the Worcester-Shrewsbury system are proceeding with technical planning in line with the proposed shared infrastructure agreement.

Building on the four-party memorandum of agreement executed amongst the Department of Conservation and Recreation (DCR), the Massachusetts State Police (MSP), the Executive Office of Public Safety and Security (EOPSS), and the Executive Office of Technology Services and Security (EOTSS), the CoMIRS PMO met on January 9 with representatives of DCR to discuss plans to improve the use of the communications towers, shelters, historical buildings, and public areas near the summit of Mt. Wachusett in Princeton, Massachusetts. The CoMIRS PMO has proposed an approach that would consolidate communications assets from multiple agencies into a new shared communications shelter. This approach would begin the process of removing communications equipment from a historic structure and would help beautify the public walkway to the summit.

The CoMIRS PMO continues to serve in a coordinating role for the CoMIRS project and system, facilitating and responding to numerous information and usage requests from agencies throughout the Commonwealth. Project oversight meetings are held bi-weekly and include representatives of EOTSS, EOPSS, MSP, and State 911.

MONITORING AND AUDITING OF THE PROJECT BUDGET AND EXPENDITURES:

During 3rd Quarter of Fiscal Year 2025, the PMO, the Director of Finance for the State 911 Department, and the Director of Finance for EOTSS collectively and individually monitored the program's expenditures. Authorized expenditures paid during the 3rd Quarter of FY 2025 are listed below. The reported expenditures are limited to those made between January 1, 2025, and March 31, 2025. All stated expenditures were paid from the Enhanced 911 Trust account. A full and complete financial report for all Fiscal Year 2025 transactions will be included in the Fiscal Year 2025 Annual Report.

CoMIRS Expenditures -- FY 2025, 3rd Quarter	
Row Labels	Sum of Amounts
E16 Administrative Expenses	\$ 2,816.30
Indirect Cost Recoupment	\$ 2,816.30
U05 IT Temporary Staff Augmentation Professionals	\$ 27,860.63
MCINNISCONSULTING SERVICES	\$ 27,860.63
U07 Information Technology (IT) Equipment Purchases	\$ 2,448,184.00
MOTOROLA SOLUTIONS, INC	\$ 2,448,184.00
U11 Information Technology (IT) Contract Services	\$ 147,554.29
MISSION CRITICAL PARTNERS LLC	\$ 75,585.54
SWBAILEY CONSULTING LLC	\$ 71,968.75
U98 Reimbursement for Travel and Expenses for IT Professionals	\$ 900.55
MCINNISCONSULTING SERVICES	\$ 900.55
Grand Total	\$ 2,627,315.77

In the event there are any questions or if clarification concerning any aspect of this report would be helpful, the PMO would be pleased to assist. Inquiries may be directed to Assistant Secretary Matthew Moran at 617.626.4400 or email at Matthew.E.Moran@mass.gov.

Respectfully,



Matthew Moran
Assistant Secretary of Technology Services and Security
Chief Engagement Officer