

Wyoming Public Safety Communications Commission Business Meeting Packet



Videoconference Business Meeting
Held Friday, June 23, 2023





Mark Gordon
Governor

Wyoming Public Safety Communications Commission

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Mark Harshman, Chairman | Telephone: 307-777-4015



Darin J. Westby
Interim Director

Agenda

Monday, June 23, 2023 at 11:30 a.m.

- I. CALL TO ORDER**
- II. PLEDGE OF ALLEGIANCE**
- III. ROLL CALL**
- IV. INTRODUCTIONS**
- V. CHANGES/ADDITIONS TO AGENDA (Tab 1)**
- VI. ACTION ITEMS**
 1. _____ Consideration of the WyoLink System Maintenance Agreement (Tab 2)
 2. _____ Consideration of Additional WyoLink Tower Sites (Tab 3)
- VII. ADJOURNMENT**

WyoLink System Maintenance Agreement Extension for PSCC Consideration

Currently, Motorola provides services to the Wyoming Department of Transportation (WYDOT) under a contract internally referred to as the System Maintenance Agreement (SMA). These services are essential for the mission critical operations and maintenance (O & M) of the statewide, public safety, interoperable radio communications system - WyoLink.

The services included in the SMA are as follows:

Manufacturer support for the legacy Quantar base repeaters ended in 2020, and DC battery power plant equipment support ended in 2019. To address this, WYDOT successfully negotiated a System Maintenance Agreement (SMA), effective October 1, 2020, for six years. The SMA provides 24/7, 365 services, as well as equipment and hardware upgrades to replace aging and failing systems.

The SMA includes a replacement plan for the new GTR8000 base repeaters and new DC battery power plant equipment. The allocation of ARPA funds for WyoLink advanced the scheduling for these upgrades from a six-year plan to a three-year plan, as supplies and resources allow. Currently, 65 tower sites are slated for GTR replacement, and 75 tower sites are slated for DC battery power plant replacement.

In addition to the upgraded base repeaters and DC battery power plants mentioned above, this SMA also includes the following 24/7/365 services:

- **Remote System Monitoring:** Notification and dispatch services provided by the vendor's Network Operations Center.
- **Remote System Performance Management:** Allows remote, network technicians to diagnose and repair issues as they arise.
- **Technical Assistance:** Provided to all WyoLink technicians.
- **On-Site Technician Services:** Covers two WyoLink master sites in Cheyenne and Casper, as well as Highway Patrol and Transportation Management Centers (TMC) dispatch centers, which are mission critical locations.
- **On-Site Technician Services:** Covers three back-up, mission critical dispatch centers: Wyoming Office of Homeland Security, Laramie Transportation Management Center, WyoLink Office.
- **Hardware Repairs with Advance Replacement:** Provided for all WyoLink equipment and components.

- **System Security Updates:** Up-to-date cyber security and testing is provided for the entire system, including local dispatch centers. (Windows-based platforms require security patches.)
- **System/Software Upgrade Agreement:** An annual system upgrade designed to maintain WyoLink at an “up-to-date” status. This includes software (i.e., moving to Windows 10 prior to the January 2020 expiration), upgraded hardware, and components no longer capable of supporting an “up-to-date” status. The agreement covers, to an extent, upgrading local dispatch center equipment that would be incapable of supporting an “up-to-date” status.

Fiscal Year Cost for the System Maintenance Agreement						
	2023	2024	BFY 2023/2024	2025	2026	BFY 2025/2026
System Maintenance Agreement	\$2,903,873	\$3,045,992	\$5,949,865	\$3,104,562	\$3,684,994	\$6,789,556
GTR Replacement	\$1,495,489 (ARPA)	\$1,495,489 (ARPA)	\$2,990,978 (ARPA)	Completed	Completed	Completed
DC Power Plants	\$266,667 (ARPA)	\$266,667 (ARPA)	\$533,334 (ARPA)	Completed	Completed	Completed
Total	\$4,666,029	\$4,808,148	\$9,474,177 (\$3,524,312 = ARPA)	\$3,104,562	3,684,994	\$6,789,556

	2027	2028	BFY 2027/2028
System Maintenance Agreement	\$3,849,067	\$4,006,717	\$7,855,784

*The increase in 2026 is due to manufacturer’s warranty expiring on newly installed equipment and migrating to the SMA, as well as the including of Nokia Microwave equipment, previously not included in the SMA

*With the availability of sustainable general funds, WYDOT is currently negotiating a three-year extension of the SMA to provide services into 2029.

Additional WyoLink Sites for PSCC Consideration

The addition of two new WyoLink towers will provide extended radio coverage into regions and communities with limited to no existing coverage. This will benefit multiple agencies that are currently struggling with the expansion of interoperable emergency communications. Lack of operational WyoLink coverage has been a factor for agencies in specific regions; adding new towers will fill coverage gaps. Specific tower locations have been vetted based upon eliminating existing, known coverage gaps, and focusing on regions where Mission Critical Emergency Communications are required but currently lacking. Based upon this criteria, planning has been underway for several years for sites in or near Saratoga and North Sheridan.

- **Northern Sheridan County:** To be located northwest of the towns of Dayton and Ranchester to provide coverage in that region and along the WY-MT border.
- **Saratoga:** To be located south of Saratoga to provide coverage in the towns of Saratoga and Encampment, as well as surrounding areas.

The Northern Sheridan site includes a new shelter and 150-foot self-supporting tower. It is considered a “green field” project requiring new construction and utilities. WYDOT has engaged with Wyoming Game and Fish Department to select a desired location within the Kerns Wildlife Habitat Management Area.

The Saratoga site will be located on BLM lands, south of Saratoga, on an existing communications site. WYDOT is currently working on a co-locate agreement with Union Telephone Company for space on an existing tower. While a tower and utilities are present, a new shelter will be installed to house WyoLink equipment.

