

# TUNNELRADIO

# **UNDERGROUND** WIRELESS SOLUTIONS

Capabilities Statement

# **CONTACTS**

Tunnel Radio of America, Inc. 6435 Hyslop Road, Corvallis, OR 97330 https://www.tunnelradio.com

Point of Contact: Scott Rose Chief Executive Officer | 541-758-5637 scott.rose@tunnelradio.com



# DIFFERENTIATORS

- 24/7 direct customer support.
- Designed and manufactured in the United States of America.

**UEI:** C3UNXER4H3T8 CAGE: 3GHR8

**Accepts Government-Wide Purchase Card Women-Owned Small Business Women Business Enterprise** 

# **U.S. PATENTS:**

US-6041216-A US-6195561-B1 US-9760853-B2 US-10728770-B2 US-10966100-B2





# **COMPANY DESCRIPTION**

Tunnel Radio of America, Inc., established and operating for nearly four decades, is a distinguished, trusted, and proven designer, manufacturer, and installer of specialized, radiating-cable antenna systems and critical communication systems for U.S. federal, state, municipal, marine, and industrial clients, domestically and internationally, expertly solving the challenges of difficult areas, terrains, and confined spaces including dams, mines, tunnels, large ships, railroads, and emergency spaces.

# **CORE COMPETENCIES**

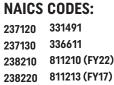
- Reliable Radio Frequency (RF) coverage for critical infrastructure.
- Proven wireless communication and remote diagnostic solutions.
- Custom engineering, programming, installation, and maintenance of Ultra High Frequency (UHF) and Very High Frequency (VHF) radiating coax cable, 'leaky feeder,' antenna systems.
- Radio Frequency Identification (RFID) tracking of personnel and equipment.
- A proven, reputable, and reliable past performance of tunneling and underground projects, facilities that require worker safety and operational efficiency, and projects involving services to site locations.
- Remains a leading contemporary authority, contributor, and subject matter expert on • telecommunication, emergency system solutions, and research and development (R&D).
- Technical experts who achieve lasting results and effective solutions for radio communications and security requirements.

### PRIMARY **NAICS CODES:**

| 334220 | Radio and Television Broadcasting and Wireless<br>Communications Equipment Manufacturing | 237120<br>237130 | 33149<br>33661 |
|--------|--|------------------|----------------|
| 334290 | Other Communications Equipment Manufacturing   | 238210           | 81121          |
| 334419 | Other Electronic Component Manufacturing   | 238220           | 81121          |
| 335929 | Other Communication and Energy Wire Manufacturing  |                  |                |

#### PRIMARY PSC CODES:

- 5810 Communications Security Equipment and Components
- 5820 Radio and Television Communication Equipment, Except Airborne
- 5825 Radio Navigation Equipment, Except Airborne
- 5895 Miscellaneous Communication Equipment
- 5985 Antennas, Waveguides, and Related Equipment
- Cable, Cord, and Wire Assemblies: Communication Equipment 5995
- 6015 Fiber Optic Cables
- 6145 Wire and Cable, Electrical (Coaxial Cable)
- Miscellaneous Electric Power and Distribution Equipment 6150
- 6350 Miscellaneous Alarm, Signal, and Security Detection Systems
- DB02 IT and Telecom Compute Support Services, Non-HPC (Labor)



**SECONDARY** 

# **PSC CODES:** 1020

**AFFILIATED** 

| 1920 |  |
|------|--|
| 2805 |  |
| Z2KA |  |
| Z2NA |  |
| Z2NZ |  |









# **PAST PERFORMANCE**

#### NOAA, DOC

1305M224C0031 | Subcontractor Definitive Contract (D), FFP Date of Award: 08/08/2024 Period of Performance: 08/20/2024-10/23/2024 Place of Performance: Vallejo, CA 94592, U.S. Statement of Work: Designed the radiating coax cable, 'leaky feeder,' antenna system for the NOAA Ship, *Bell M. Shimada*.

#### NAVFACSYSCOM, DON, DoD

N39430-23-F-4645 | Subcontractor Delivery Order (C/DO), IDIQ Date of Award: 06/30/2023 Period of Performance: 07/26/2024-08/27/2024 Place of Performance: Oahu, HI 96860, U.S. Statement of Work: Installed and commissioned a radiating coax cable, 'leaky feeder,' antenna and two-way radio system, covering nearly 23,000' of underground tunnel way, required in the efforts of safety and efficiency for workers decommissioning the site.

#### NOAA, DOC

1333MK23PNMAN0237 | Prime Contractor Simplified Acquisition, Purchase Order (PO) Period of Performance: 08/15/2023-01/15/2024 Place of Performance: Newport, OR 97366, U.S. and Seattle, WA 98101, U.S. Statement of Work: Installed and commissioned radio repeater equipment for the NOAA Ship, *Oscar Dyson*, addressing communication gaps on lower deck areas and creating reliable RF ship coverage through use of a radiating coax cable, 'leaky feeder,' antenna system.

USACE, DOA, DoD W912EF22F8000 | Subcontractor Delivery Order (C/DO) Date of Award: 12/21/2021 Period of Performance: 01/04/2022-02/28/2022 Place of Performance: Redmond, OR

# UNDERGROUND WIRELESS SOLUTIONS

Capabilities Statement

#### NAVFACSYSCOM, DON, DoD

N62742-15-C-1308 | Subcontractor Definitive Contract (D), FFP Date of Award: 08/25/2015 Period of Performance: 10/09/2015-01/25/2016 Place of Performance: Pearl Harbor, HI 96860-4901, U.S. Statement of Work: Provided a complete, fully functioning above and below ground radio system (radios, racks, cables, repeaters, switches) and a radiating coax cable, 'leaky feeder,' antenna system. Provided technical documentation and continual support to assist with final on-site setup and activation.

#### FEMA, DHS.

Mount Weather Emergency Operations Center. Provided underground VHF coverage.

#### DOT/FRA, OST.

Union Pacific, Burlington Northern Santa Fe (BNSF). Delivered Positive Train Control (PTC) coverage through over 100+ miles of tunnels, including more than 400+ linear miles of above and below ground Distributed Power (DP) and Voice coverage for all Class 1 Railroads.

### City of Spokane, Washington.

Riverside Park Water Reclamation Facility. Implemented an effective communication system with clear voice coverage in all tunnels and workspaces for above and below ground networks.

#### City of Seattle, Washington.

Seattle Police Department. Successfully provided 800 MHz of trunked radio coverage for a Burlington Northern Santa Fe (BNSF) 1.5-mile train tunnel ensuring and maintaining National Fire Protection Association (NFPA) compliance.

#### State of Nevada Gold Mines. Carlin Complex.

Successfully provided over 100 miles of underground VHF voice coverage in multiple portals for the largest gold mine in North America.