



TUNNEL RADIO

UNDERGROUND WIRELESS SOLUTIONS

Capabilities Statement

CONTACTS

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

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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.

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



ISO 9001:2015
Certified

PRIMARY NAICS CODES:

334220 Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
334290 Other Communications Equipment Manufacturing
334419 Other Electronic Component Manufacturing
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
5995 Cable, Cord, and Wire Assemblies: Communication Equipment
6015 Fiber Optic Cables
6145 Wire and Cable, Electrical (Coaxial Cable)
6150 Miscellaneous Electric Power and Distribution Equipment
6350 Miscellaneous Alarm, Signal, and Security Detection Systems
DB02 IT and Telecom - Compute Support Services, Non-HPC (Labor)

SECONDARY NAICS CODES:

237120 331491
237130 336611
238210 811210 (FY22)
238220 811213 (FY17)

AFFILIATED PSC CODES:

1920
2805
Z2KA
Z2NA
Z2NZ



online version



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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
97756 or John Day Lock & Dam
Statement of Work: Provided a VHF, radiating coax cable, 'leaky feeder,' antenna system, providing voice coverage in critical areas for personnel safety to support Emagineered Solutions, Inc.

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.

Interlake Steamship Company.

Ongoing coverage successfully providing
two-way UHF radio communications for a
class of freight ships up to 1,000' Length
Overall (LOA).