

# Kitsap 911

## Digital Communications System

### Microwave Equipment & Services

Request for Proposals

Pre-Proposal Virtual Conference using Zoom

December 9, 2021 0800 PT

# Agenda

- Kitsap 911 Introductions
  - Brandon Wecker – Technology Services Manager & **Host of Conference**
  - Mark Nelson – Technology Advisor
- Zoom Platform
  - Company Names Affirm Mandatory Attendance Pre-Bid Virtual Conference
  - Recording Conference
  - Raise Hand, Be Patient, Lower Hand
- Kitsap 911 Overview
- Microwave Equipment & Services RFP

# Managing The RFP

- COVID-19 Forced Different Business Methods
- Key Attributes of the Process
  - Efficient
  - Effective
  - Mutually Respectful
- <http://www.kitsap911.org/rfp/>
- [contracts.manager@kitsap911.org](mailto:contracts.manager@kitsap911.org)

# History

- Started Operation December 26, 2016
- Formed as Public Authority (PDA) RCW 35.21.730 - .757
- Formerly a department of Kitsap County
- Now a standalone entity
- Executive Director Reports to Board of Directors
- Annually Answers  $\pm$  300,000 calls and dispatches EMS, Fire & Law Enforcement for all public safety providers in Kitsap County. Including Tribal Nations, Excluding US Military Installations.
- More information at <http://www.kitsap911.org/governance/>

# Funding Sources

- Sales Tax – November 2, 2021 Voters Approved  
Additional \$.01 on \$10 Purchase  
\$41 Million to Modernize Technology
- Telephone Excise Tax
- User Fees
- Other Fees – e.g. Tenants on Towers

# Technology History ≤ 1990

- Operated From Former Toll-Bridge Office
- Analog 9-1-1 Telephone System
- Single High-Site Radio System

# Technology History

## 2000 - 2005

- Voters approved Sales Tax Levy
- Designed and implemented
  - Combined 9-1-1 & Emergency Management Facility
  - 9-1-1 Telephone System
  - Multiple Radio Sites
  - Microwave Radio System
  - Simulcast VHF Radio System
  - Audio Logging Recorder
- Principal Designer – ADCOMM Engineering
- Installed, Configured and Operated by CENCOM (nka Kitsap 911)

# Technology In-Service 2021

- Zetron MAX 9-1-1 Telephone System
- ShoreTel Administrative Telephone System
- Zetron MAX Radio Dispatch Console System
- NICE Audio Logging Recorder
- Cisco Network Equipment - *Mostly*
- Harris Microwave Equipment – *Mostly*
- Tait Analog VHF Base Stations
- TX RX Radio Combiners
- JPS Voters / Comparators



# Technology

## 2021 - *Continued*

- ALTO Professional Audio Processing
- Harris Intraplex Channel Banks
- Simulcast Solutions Reference & Timing
- Eltek DC Power Plants
- Liebert Uninterruptable Power System

# Technology

## 2021 - *Continued*

- Towers
  - Pirod
  - Microflect
  - Rohn
  - Others
- Antennas & Feedlines
- Commercial Power – All Sites
- Generators
  - Caterpillar & Onan
  - Propane & Diesel

# Microwave Radio System RFP 2021

- First Step Toward Replacing Existing Analog VHF Voice Radio System
- What's Been Decided on New Voice Radio System?
  - Project 25 Standard
- What is Being Sought From Respondents to Microwave RFP?
  - Collaborative, Experienced Public Technology System Supplier
  - Agnostic – *Yet Expert* – on Radio Technologies
    - Microwave
    - Voice
  - Demonstrated Results Transitioning Existing Land Mobile Radio (LMR) Technology to Proposed Solution
  - Long-Term Relationship to Scale Proposed Technology
  - Comfortable Developing Solutions With Various LMR Suppliers

# Microwave Radio System RFP

## What's Next?

- Review Q&A <http://www.kitsap911.org/rfp/>
- Focus on RFP
  - Section 2 – Technical Requirements
  - Section 4 – Instructions
- Become Familiar with Kitsap 911 Existing Technology
  - RFP Section 3
  - This PowerPoint Deck
- Commit to Support RFP Exhibit A – Schedule of Events

# Microwave Radio System RFP

## RFP Exhibit A

Date	Event
February 8, 2021 4:00 PM Pacific Time	Proposals are Due to Kitsap 911
February 9, 2021	Proposals will be opened at Kitsap 911 Executive Committee Meeting. Refer to the Kitsap 911 web-site Board of Directors Schedule for time of meeting and access credentials.
February 10, 2021	Demonstration of the Management and Alarm / Fault Indication System
March 24, 2022	Anticipated Contract Award