

Nevada Shared Radio System (NSRS)

FACT SHEET

- The NSRS is used in times of crisis, emergency communications or when dialing 9-1-1 for the public. Being proactive to upgrade this essential system is part of our mission to provide regional and community leadership.
- The new NSRS will replace current public safety radio system, which is at “end-of-life”, with new technology, improved communications coverage, and interoperability statewide.
- The new system includes virtually unlimited user capacity (the current system is at maximum capacity), is based on open standard P25 technology, will increase and improve coverage, provides seamless statewide coverage and interoperability, and will include manufacturer’s support and warranty.
- Washoe County’s contract allows partner agencies to purchase end-user radios at a 72.2% discount off retail price. The new radios will cost less than what agencies are currently paying per unit.
- The NSRS is a statewide public private partnership agreement executed in May 2017 between three infrastructure owners - Nevada Department of Transportation (NDOT), NV Energy and Washoe County - to select a common vendor with each entity separately contracting with the vendor for their portion of the system.
- The existing Washoe County Regional Communications System (WCRCS) is utilized by 19 public safety and first responder agencies under an interlocal agreement that governs operations and administration of the current system through the Joint Operating Committee of member agencies – in place since 1999.
- To select the vendor for the statewide system, a Design-Build system procurement process was administered by NDOT. The request for proposals process was confidential as required under the provisions of NRS 333.335.
 - Representatives of Washoe County including members of the Joint Operating Committee (JOC), and NV Energy participated on the technical review and cost evaluation teams.
 - The JOC were briefed at their quarterly meetings with accurate cost estimates and the status of the procurement process.
 - Harris Corp., Communications Segment, was the selected vendor based on the combined scores for technical requirements and cost.

- Together the three partners developed a system design with the goal to ensure regional and statewide needs are met.
- Separately each of the three partners negotiated with Harris on the terms of their individual contracts - site development, third-party markups, warranties & support, pricing and schedule – all three contracts were approved in September 2018.
- Washoe County's Contract includes the following components:
 - Infrastructure & Services \$8,453,700
 - Site Development (upgrade sites/add 5 new sites) \$7,033,222
 - End-User Radio Equipment (5,070 radios over 6-8 years) \$10,960,588
 - Total \$26,537,510

Next Steps for Washoe County:

- Execute the contract and make first milestone payment of \$533,981 (funded through the County's Fiscal Year 2019 CIP budget).
- Work with JOC to plan Fiscal Year 2020 payment (proposed partial funding from County CIP and Regional Communications Infrastructure Replacement Fund Reserve).
- County's financing team will:
 - Work with JOC representatives on agency cost determination methodology.
 - Develop a plan to finance the remaining infrastructure and site development costs – with financing in place for Fiscal Year 2021.
- Work with JOC to modify the WCRCS Interlocal agreement to reflect the agreed upon cost methodologies for system infrastructure and operations costs.
- Work with JOC on radio upgrade and replacement program to take advantage of reduced radio costs – discounts available immediately, full upgrade and replacement within 6-8 years.
- Work with Harris and Federal Engineering to refine system design and construction costs, and begin system construction implementation – expected system completion in Fiscal Year 2024.