Nevada Shared Radio System Update

Washoe County Board of County Commissioners meeting
November 10, 2020
NSRS Background

NSRS Overview:
- The NSRS provides interoperable public safety radio communications to 40+ agencies and organizations around the state of Nevada.
- NSRS infrastructure includes 125+ radio sites across the state.
- A new digital P25 Radio System is currently being constructed to replace the current twenty-year-old, “end-of-life” system.
- Washoe County currently has 12 sites
  - Expanding to seventeen P25 sites after new (greenfield) sites are constructed.

Three Partners:
- NDOT, NV Energy and Washoe County
  - Public, Private Partnership
- Washoe County’s System Purchase Agreement with Harris Corp. is one of three that will build the Statewide, interoperable radio system.
- The Three Partners have signed an agreement, the NSRS agreement, that sets a governance structure and service level for the statewide system.
• Washoe County activities:
  1. Nevada Shared Radio System Agreement, May 2017
  2. System Purchase Agreement with Harris Corporation, September 27, 2018.
     a. Agreement to build Washoe County’s portion of the NSRS
     a. Agreement with 15 local/regional agencies – establishes an operational and management structure and an opportunity for signing agencies to participate in system governance
     b. Provides framework for allocation of system costs proportionate to each agency’s use of the system.
     1. Par amount $9,135,00 + premium $1,411,219.95 = $10,546,220
     2. Interest rate 1.38%
     3. Fifteen-year repayment schedule
System Implementation Schedule

Project Schedule

- Project kick-off: November 2018
- Region 0 Network Switching Center Install completion: January 2020
- Region 2 Design Phase: In Progress  
  • Expected Completion December 2020.
- Washoe County site development/construction: March 2020 → September 2021
- Washoe County P25 Radio System Installation: March 2021 → October 2021
- Region 2 installation complete, cutover and acceptance: May 2022
- Final statewide system acceptance: April 2023
Two “Buckets” for project payments

<table>
<thead>
<tr>
<th></th>
<th>Site Civil Allowance payments</th>
<th>Milestone Payments</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total paid</strong></td>
<td>$483,938</td>
<td>$2,523,994</td>
<td>$3,007,932</td>
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<tr>
<td><strong>To be paid</strong></td>
<td>$6,549,285</td>
<td>$5,436,058</td>
<td>$11,985,343</td>
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<td><strong>Total</strong></td>
<td>$7,033,223</td>
<td>$7,960,052</td>
<td>$14,993,275</td>
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- **Milestone Payments** are dependent on L3Harris performing certain actions as defined in the System Purchase Agreement. Generally related to Radio System equipment/technology.
- **Site Civil Allowance Payments** require a *Change Order* to access the available funds or to proceed with actions that would require the funds. Generally related to green- or brown-field site construction and existing site remediation.
1. System Purchase Agreement Signing: $533,981.25 (September 2018)
2. Commence Network Switching Center (NSC) Install: $796,005.24 (November 2019)
3. NSC Install Complete: $1,194,007.86 (January 2020)
4. Approval of Detailed Design Review: $918,728.31
5. Region 2 Factory Staging: $1,194,007.86
6. Region 2 shipment of Radio System Equipment: $1,592,010.48
7. Region 2 Radio System Installation complete: $1,194,007.86
8. Final System Acceptance: $537,303.54
Project Change Orders

Change Orders for Washoe County
1. Milestone Payments Schedule – No Cost
2. Payment for Services related to site surveys
   a) Notice to proceed on site surveys - $322,048
3. Site Remediation, notice to proceed - $45,304.43
4. Console feature update and invoicing - $18,204
5. Extend Console pricing to all console purchases through the Harris Contract
6. Console Router Model change – No cost
7. Greenfield site civils
   a) Notice to proceed with not-to-exceed $3,819,300.02 for greenfield site construction
   b) Cost is within contract pricing
8. Microwave System
   a) Notice to proceed with not-to-exceed $2,331,727.35 for new microwave system
9. Smart Breaker design - $6,910
Washoe County obtained General Obligation Bond financing in September 2020.

- Par amount $9,135,00 + premium $1,411,219.95 = $10,546,220
- Interest rate 1.38%
- Debt + interest: $11,663,962
  - Fifteen-year repayment schedule

P25 Radio System Interlocal Agreement

- Agency Pre-payments: $3,190,942
- Agency Debt Service payments
  - $7,526,685: Payments are proportional to agency use of the system as of May 1, 2020.
  - Washoe County’s portion of Debt Service payments is: $4,137,277.33 or ~$275k/year over 15 years
The table above reflects all payments to date and remaining funds by source. All remaining project payments will be made from Partner Agency Pre-payments and Bond Proceeds.
• Overall project Status for Washoe County: **On Track**
  • Complete: Network Switching Center (NSC) installation
    • Site Surveys
    • Site remediation on NSC sites
  • Schedule: **On track – need to remedy issues in Region 1 to prevent further delay.**
  • Budget: **On Track**
Questions?

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