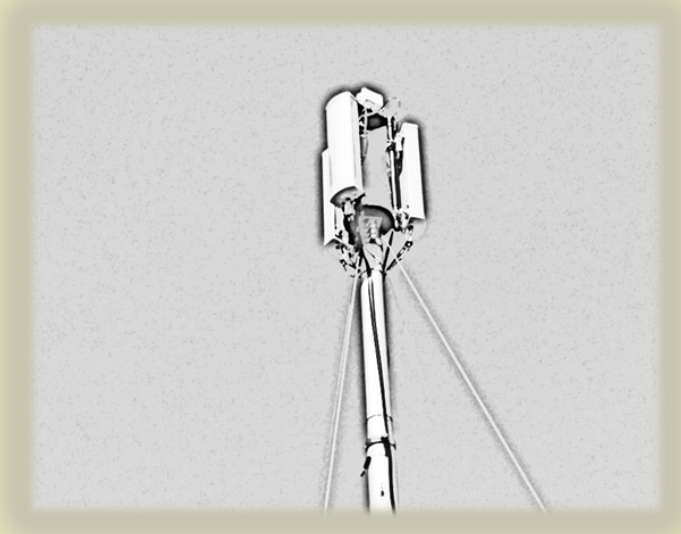


ITEM 5: GM REPORT FOR BAYRICS AUTHORITY



**BARRY FRASER
GENERAL MANAGER
BAYRICS AUTHORITY
APRIL 14, 2016**

FIRSTNET TIMELINE

Jan. 13, 2016	Final RFP Released
↓ May 13, 2016	Proposals Due
↓ Nov. 2016	Contract Award
↓ April 2017	States Review Draft Plans
↓ Q3 2017	Synchronous Delivery of All Final State Plans
↓ Q4 2017	Governor's Opt-In Decision
↓ Q1 2018	Network Deployment Begins
2022	Network "Substantially Complete"



FIRSTNET RFP: STATEMENT OF OBJECTIVES

- FirstNet has adopted an *objectives-based approach*, rather than a traditional requirements-driven model.
- FirstNet provides a Statement of Objectives (SOO) listing 16 high-level objectives. Potential contract awardees must demonstrate in their proposals that they will meet all of the stated objectives.
- “This comprehensive, yet flexible approach . . . provides the maximum opportunity and flexibility in the development of innovative solutions for the NPSBN.”

FIRSTNET RFP OBJECTIVES

1) BUILD, DEPLOY, OPERATE, & MAINTAIN THE NETWORK	9) CYBERSECURITY
2) FINANCIAL SUSTAINABILITY	10) PRIORITY SERVICES
3) FIRST RESPONDER ADOPTION	11) INTEGRATION OF [OPT-OUT] STATE-DEPLOYED RANs
4) DEVICE ECOSYSTEM	12) INTEGRATE EXISTING FEDERAL/STATE/TRIBAL/LOCAL INFRASTRUCTURE
5) APPLICATIONS ECOSYSTEM	13) LIFE-CYCLE INNOVATION
6) ACCELERATED SPEED TO MARKET	14) PROGRAM AND BUSINESS MANAGEMENT
7) USER SERVICE AVAILABILITY	15) CUSTOMER CARE/MARKETING
8) SERVICE CAPACITY	16) COMPLIANCE WITH ACT & LAWS

FIRSTNET RFP: PRICING

- FirstNet describes the contract as an “Indefinite Delivery/Indefinite Quantity” (IDIQ) contract, whereby the offeror provides proposed pricing for the entire term of the agreement.
- The agreement is expected to run for 25 years.
- The price structure is composed of two types of payments—
 - (1) Payments to the Contractor
 - (2) Payments to FirstNet.

FIRSTNET RFP: PAYMENTS

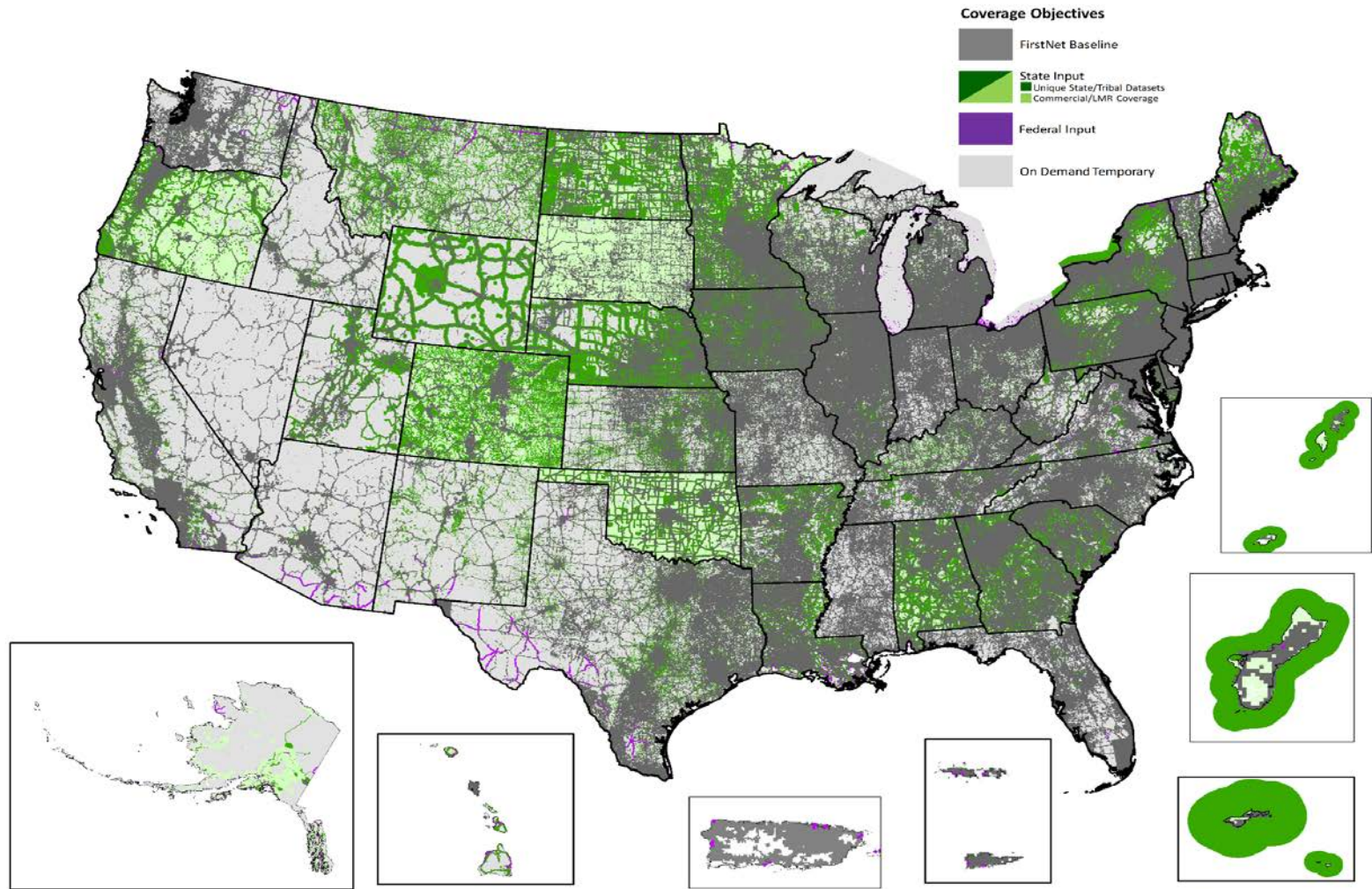
- Payments to Contractor:
 - Upon reaching specified milestones, Contractor may draw the remaining \$6.5 Billion provided by Congress
 - The Contractor retains all revenue it collects from other sources, including:
 - Public Safety Revenue, the fees the Contractor charges to public safety agencies associated with using the NPSBN
 - Excess Network Capacity Revenue, any revenue Contractor derives from the lease of network capacity that is unused by public safety.
- In return, the Contractor must make annual payments to FirstNet totaling \$5.625 Billion over 25 years to ensure “FirstNet Operational Sustainability.”

NATIONWIDE NETWORK COVERAGE

- As with other key elements of the Request for Proposals (RFP), FirstNet provides objectives for coverage and expects Proposal Offerors to describe their solution for achieving those objectives.
- FirstNet provides coverage definitions and objectives, as well as a nationwide coverage objective map to identify areas where public safety requires both continuous coverage and temporary coverage solutions.

COVERAGE OBJECTIVE MAP BASELINE

- The FirstNet baseline version of the coverage objective map was created from five distinct data sets identifying areas that are likely to require a public safety response:
 - **Public Safety Users**
 - **Public Safety High-Risk Areas of Interest**
 - **U.S. Population**
 - **Developed Areas**
 - **Roadways**



As of Sept. 30, 2015 Data Collection v1.0

The baseline objectives (gray) were updated to incorporate federal (purple) and state (green) inputs, where available.

FIRSTNET PSAC 2016 FOCUS



- 1. Local Control**
- 2. Identity, Credential and Access Management (ICAM)**
- 3. State & Local Focus Group**
- 4. Discipline Specific (Law, Fire, EMS)**
- 5. PSCR R&D**

LOCAL CONTROL TASK TEAM

- 15 distinguished public safety leaders, chaired by BayRICS GM Barry Fraser.
- *When will responders need to manually control Priority and Preemption functions of the network?*
 - Evaluated a series of increasingly complex use cases.
 - Reviewed the *dynamic control* capabilities of LTE technology to automatically minimize or eliminate network congestion.

Local Control

Direct Control

Indirect Control

QPP

Users &
Groups

Roles &
Profiles

Devices &
Provisioning

Applications
& Services

Planned &
Unplanned
Events

Reusable
Assets

Onboarding
& Support

Authentication/Authorization/Delegation

2016 STATE CONSULTATION

- ✓ SPOC Engagement Meeting – 1/27/16
- ✓ Governance Body Meeting – 1/27/16
- State “Consultation Task Teams” (CTT) to Gather Information on Technical Issues – April Kickoff
- State Executive Consultation Meeting

Next CalFRN Meeting: Sacramento, April 27

P25 Interoperability

- Talkgroup Coordination for SB50
- Updates to Regional Fleetmap
- Whether to Encrypt Some Interop Talk Groups
- Expand Regional Fleetmap to include State and Federal Partners
- Host Monthly P25 Operators Open Forum

For More Information

- FirstNet RFP Statement of Objectives
http://www.bayrics.net/uploads/1/2/4/6/12466172/section_c_notes_02-11-16.pdf
- FirstNet RFP Pricing and Services
http://www.bayrics.net/uploads/1/2/4/6/12466172/section_b_notes_02-18-16.pdf
- FirstNet RFP Nationwide Coverage Objectives
http://www.bayrics.net/uploads/1/2/4/6/12466172/section_j-1_coverage_notes.pdf
- PSAC Local Control Task Team
<http://www.bayrics.net/news-and-notes-blog/the-psac-local-control-task-team>