**File Name: 388004_PSD_38**

**SAC 388004 WILLIAMS COUNTY, ND**
**SAGEBRUSH CELLULAR, INC.**
**PROJECT STATUS DESRIPTION**

**AWARD DATE 6/20/2013**
**TARGETED COMPLETION DATE 6/21/2015**

## 1. Network Deployment Status

Status - Network Design (includes RF Design and Site Development)

1. Finding a Site **Completed**
2. Site Acquisition **Completed**
3. Drafting RFPs **Completed**
4. Posting RFPs **Completed**
5. Selecting Vendors **Completed**
6. Negotiating Contracts **Completed**

Status – Construction

7. Site Prep Work **Completed**
8. Power to Site **Completed**
9. Build-out of Site **Completed**
10. Equipment Building **Completed**
11. Final Site Work **Completed**

Status – Deployment

12. Microwave Electronics **Completed**
13. Cell Site Electronics **Completed**
14. Drive Testing **Completed**
15. Network Optimization **Completed**

Status – Maintenance

16. Beginning of Scheduled Maintenance **Pending**

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## 2. Project Budget Status

Sagebrush Cellular, Inc. bid $269,600.00 for Tract T38105953500 in Williams County.

| Bidder | Item Name | State | County | Road Miles | Total Bid Amount | SAC |
|---|---|---|---|---|---|---|
| Sagebrush Cellular, Inc. | T38105953500 | ND | Williams | 134.8 | $269,600.00 | 388004 |

The planned budget submitted for project area SAC 388004 are shown in the following table.

| SAC | Network Design | Construction | Deployment | Maintenance |
|---|---|---|---|---|
| 388004 | $33,081.00 | $219,960.00 | $130,392.00 | $16,500.00 |

## 3. Description of Overall Plan

Sagebrush Cellular, Inc. (Sagebrush) operates a Code Division Multiple Access (CDMA) voice and data network in northeastern Montana and northwestern North Dakota. All of the 84 existing sites are Third Generation (3G) Evolution Data-Optimized (EVDO). The unserved areas won in the Federal Communications Commission (FCC or Commission) Mobility Fund Phase I Auction represent holes in Sagebrush's existing network coverage. The new base stations to be added as a result of Mobility Fund support will be full-scale, three-sector base stations, backhauled via microwave into the existing network, and supplemented with omnidirectional repeaters working off of both existing and new sites.

Initial design planning for 75% coverage of the unserved road miles in the 18 Census Tracts won in Auction 901 requires 19 new sites and three omnidirectional repeaters. The network implementation will incorporate EVDO which provides wireless broadband access to mobile devices. From the new tower sites, traffic will be backhauled by microwave or fiber to existing towers or to the network.
Sagebrush already has a 3G CDMA Core and Switch in Glasgow, Montana. Internet traffic is routed over redundant fiber from Glasgow to Billings. Long distance traffic from the Glasgow switch is routed to three separate Session Initiation Protocol (SIP) Voice-Over-IP (VoIP) carriers. One of those SIP providers is in Billings while the other two carriers are accessed over the Internet. All E911 traffic terminates to Public Safety Answering Points (PSAPs) using Time Division Multiplexing (TDM) trunks. All tandem traffic is sent over existing TDM circuits.

**There is one (1) existing and one (1) site to be built inside of SAC 388004. There are three (3) existing and one (1) site to be built outside of the bounds that will serve SAC 388004.**

## 4. Project Plan Status

Based on the proposed Planned Milestones the Sagebrush Cellular, Inc. 901 project is on schedule.

AWARD DATE 6/20/2013
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The following table shows the original submitted schedule **(Proposed)** with the revised schedule based on the award date **(Updated)** and the current Status

| Planned Milestones | Proposed | Updated | Status |
|---|---|---|---|
| Start Date of Network Design | 1/2/2013 | 6/20/2013 | **Completed** |
| End Date of Network Design | 1/17/2013 | 7/5/2013 | **Completed** |
| Start Date for Drafting and Posting RFPs | 1/2/2013 | 6/20/2013 | **Completed** |
| End Date for Drafting and Posting RFPs | 2/12/2013 | 7/31/2013 | **Completed** |
| Start Date for Selecting Vendors | 2/13/2013 | 8/1/2013 | **Completed** |
| End Date for Selecting Vendors | 3/5/2013 | 8/21/2013 | **Completed** |
| Start Date for Negotiating Contracts | 3/6/2013 | 8/22/2013 | **Completed** |
| End Date for Negotiating Contracts | 3/26/2013 | 9/11/2013 | **Completed** |
| Start Date for Construction | 4/1/2013 | 9/17/2013 | **Completed** |
| End Date for Construction | 6/16/2014 | 10/6/2014 | **Completed** |