

COUNTY OF MCKINLEY  
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GALLUP, NM 87305  
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# MCKINLEY COUNTY

## Portable Satellite Communication Equipment

**RFI NO. 2019-11**  
**REQUEST FOR INFORMATION**  
**ISSUE DATE :** October 4, 2019  
**DUE DATE:** October 17, 2019

**Contact: Michelle Esquibel, Procurement Buyer**

**County of McKinley**

207 West Hill Avenue  
Gallup, New Mexico 87301  
505-722-3868  
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## 1. DISCLAIMER

This Request for Information, consisting of 6 pages, does not create any representation, either express or implied, that:

- Any solicitation or procurement process will proceed; or
- If a solicitation or procurement process does proceed, that the participant's Response or other of form of application (if any) will be given any preference or special consideration.

Participants are still required to follow any solicitation that may take place.

This Request for Information does not indicate a commitment to any particular course of action, nor is it an order for goods or services

## 2. INTRODUCTION

### 2.1 Background

McKinley County Office of Emergency Management began working on a grant application specifically for **Portable Satellite Communication Equipment**. With the history of fiber cuts in the McKinley County area as well as remote deployment in support of Search and Rescue missions, planned events, and emergencies/incidents in these locations, a satellite internet platform is a logical choice to give a much needed upgrade to the OEM Mobile Command Unit. The County has looked at various systems to see which would work best. The county favors the Kymeta Kyway system because it is rugged and weather-resistant in a portable case. It has a simple set up with the push of a button and mounting points to different platforms. With all this we can have reliable communication in very little time during stressful incidents. This unit is also a regional resource and with our diverse terrain, having reliable communication is needed for the safety of our citizens and our state.

### 2.2 Purpose

The Grant application was submitted on September 12, 2018, the Sub-Grant Agreement was fully executed on November 13, 2018, the Grant started on January 1, 2019 and will end June 30, 2020. McKinley County Office of Emergency Management is now seeking information from Vendors that can provide a product with specifications similar or equal to the Kymeta KyWay system. McKinley County Office of Emergency Management responds to and aids in several Rescue missions and planned events in very remote areas where the need of quick set up and communication is a priority.

This Request for Information and the responses provided may be used as a precursor to a procurement process and/or negotiations.

### 2.3 An Opportunity to Contribute and Shape

Firms interested in providing this type of product are requested to submit information regarding your ability to meet our needs.

### 2.4 Confidentiality

McKinley County will treat all responses confidentially.

### 2.5 Contact Person

The Contact Person for this Request for Information is:

Name: Michelle Esquibel

Title: Procurement Buyer

### 2.6 Response Submittals

Please return completed responses no later than ***October 17, 2019 by 2:00 p.m. Local Time***  
*Earlier responses are welcomed.*

*Please submit responses to:*

*[mesquibel@co.mckinley.nm.us](mailto:mesquibel@co.mckinley.nm.us) or if sent by mail:*

***McKinley County Procurement Department***

***ATTN: Michelle Esquibel, Procurement Buyer***

***207 West Hill Avenue***

***Gallup, NM 87301***

***RE: RFI No. 2019-11***

Ensure:

- [RFI No. 2019-11](#) appears in the subject line of the email or the exterior of the envelope of any correspondence.
- Your submission is zipped and virus checked prior to submission, if submitted electronically.

### 3. SCOPE of Work

McKinley County is seeking information for anything in the market similar or equal to the Kymeta KyWay Go satellite internet system.

- Speeds up to 4Mbps down and 1Mbps up
- Packs into 2 pelican cases
- Live streaming and wi-fi integration
- No moving parts

### TECHNICAL SPECIFICATIONS

#### 1. Dimensions:

- Outdoor unit dimensions: L 38.5 in. x W 38.5 in X D 14.5 in. (L 97.8 cm x W 97.8 cm x D 36.8cm)
- Indoor unit dimensions: W 38.5 in. x D 24.6 in. x H 11.4 in. (W 97.8 cm x D 62.5 cm x H 29 cm)

#### 2. Weight

- Outdoor unit weight : 49.9 kg | 110 lb.
- Indoor unit weight : 22.7 kg | 50.0 lb.

### DURABILITY

#### 3. Antenna

- RX frequency range : 11.4 – 12.4 GHz
- RX gain : 33.0 dB
- RX G/T : 9.5 dB/K
- RX scan roll-off as measured @ 60° :  $\text{Cos}^{1.1-1.2}$
- RX frequency range : 14.0-14.5 GHZ
- TX gain : 32.5 dB
- TX scan roll-off as measured @60° :  $\text{Cos}^{1.2-1.4}$

#### 4. Tracking

- Tracking rate :  $\geq 20^\circ/\text{second}$

#### 5. Environmental

- Operational temperature: -25°C to +55°C
- Storage temperature : -40°C to 75°C

### INTERFACES

#### 6. Power and RF System

- Input power : 110-240 VAC 50/60 Hz
- 8W BUC : Typical 300 W | Peak 500 W

#### 7. MONTHLY DATA SERVICES PACKAGE

- 5GB per month – fixed-Kymeta
- Automatically connects to satellite on startup

The Department has developed a response template (Section 4.2) to assist you in participating.

Your answers may include as much or as little detail as you feel is necessary. Additional information on matters or issues not raised is welcomed.

Please provide your responses in the text boxes provided wherever possible.

**4. Respondent Details**

Name of Respondent:	
Address:	
Telephone Number:	
Email:	
Web:	
Primary Contact Person:	
Product Information:	Attach information