

# RIING OF NATIONS™

## NATIONAL BROADBAND PLAN & NITA INITIATIVE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

### Your Desired Affiliation to the RING of NATIONS PROJECT (?):

Please Circle One (complete at least one) of the following twelve categories

#### **Your Name and Contact Information:**

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1. Tribal Registration – Tribal Name & Phone Number / Email:

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2. Tribal Representative Inquiry – Name & Phone Number / Email:

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3. Tribally Owned Teleco – Name & Phone Number / Email:

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4. Tribal Member Inquiry – Name / Email:

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5. Community Leader or Public Servant Interested in having a positive impact in the Successful Funding of RING of NATIONS Project, (RON) 2009:  
Community Group or Associations(s):

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Name & Phone Number / Email:

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6. Native American Telecommunications Company:

- a. Native American Owned
- b. Native American Owned & Operated
- c. Name & Phone Number / Email:

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7. Interested Business Affiliation to the NTIF - Funding for Native American's Broadband Projects  
Name & Phone / Email and Purpose / Intent of Interest:

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8. Interested Telecommunications Company – Name & Phone / Email:

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- a. Experience Working with Tribal Telecom Projects
  - b. No-Experience Working with Tribal Telecom Projects
  - c. Please list Tribe Contact(s) and Project(s)

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11. Other Comments RING of NATIONS should know about you & your inquiry:

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12. You can help with the Following Politician's and Action Groups Serving the Native American Community  
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THE FOLLOWING INFORMATION IS REQUIRED OF ALL TRIBAL ENTITIES SEEKING TO PARTICIPATE IN THE RING OF NATIONS PROJECT – THOSE PERSONS / TRIBAL COMMUNITIES INTERESTED IN FILING

PARTICIPATION IN THE RING OF NATIONS DOES NOT PRECLUDE ANY QUALIFIED TRIBAL ENTITY FROM FILING AN ADDITIONAL AND SEPARATE FUNDING REQUEST TO NTIA.

**Information needed for Participation in the  
Ring of Nations - NTIA Funding Request Project**

**Please Complete ALL the Following Information.**

'Why' each interested Tribe (Tribal Representatives) need to complete the following Request for Information Form?

To instruct our Engineering and Design Team as to where your tribe's main connecting point(s) are in relation to the Strategic Fiber Backbone Plan for the Ring of Nations (RON) Network

## **THREE OPTIONS TO REVIEW–(Please ONLY choose one of the three options)**

### **Option 1**

Our Tribe is filing for NTIA funding that will provide Tribal Ownership of the Equipment (Optronics, etc.) and the respective Fiber Connectivity Services on our Tribal Property (Reservation Lands). However our Tribe would like to participate in the Ring of Nations Consortium in addition to our individual NTIA funding request. We agree to support the Ring of Nations with their activities to gain NTIA funding.

### **Option 2**

Our Tribe would welcome the Ring of Nations to file for NTIA funding for Equipment (Optronics, etc.) and respective Fiber Connectivity Services on our Tribal Property (Reservation Lands). We do not intend to file an Individual Tribal NTIA Funding Request.

### **Option 3**

Our Tribe would welcome the Ring of Nations to file for NTIA funding for Equipment (Optronics, etc), and respective Fiber Connectivity Services, as well as the Wireless Equipment required for our Tribal Property (Reservation Lands). We do not intend to file an Individual Tribal NTIA funding Request.

**If you have selected OPTION 1 of the above three options, *please only provide one location where you want the Ring of Nations to connect with the network that you are providing.*** If you selected OPTION 2 or OPTION 3 above, please fill out the following section , whereby you will be detailing for our engineers in broad as terms as possible what you would like your ‘On Tribal Property (Reservation Land) Network’ to look like.

**If you have selected OPTION 2 or Option 3 of the above three options then please consider the top ten (10) Locations on the Tribal Property / Reservation Lands that will require Broadband Connection back to the Ring of Nations Fiber Backbone.** Please provide as much information about those buildings and locations as possible. The locations that you should consider are those that require the most bandwidth. For instance: Tribal & BIA Police, and Fire stations; Hospitals, K-12 Schools, Clinics, Higher Education, Community Centers, and any other pertinent Tribal Government locations, or Other Associated Tribal Buildings.

If your more rural locations do not have a street addresses, then please provide some description of about where the building is located (GPS?). Each building will require electronics equipment to be installed. In most buildings, this will be an Ethernet switch. At least one location will require a router. The “router building location” will be located where your internet connection comes into the Tribal Lands, and from there will be distributed to the remainder of the other 9 identified locations. In the following space (below), please indicate which of the identified locations you

have that would be capable of “housing” this router. The selected building(s) should have air conditioning, and should have concrete floors. Additionally ,they should be built with as little wood as possible. Buildings made ofMasonry and Concrete should be considered as you select the potential “major location”. Please give additional consideration to the reliability of the power available to the selected main building location. Lastly – these buildings will require 7X24 Accessibility by the Certified Ring of Nations Support Maintenance Team (could be a Tribal Member) and will also require the capability to be rigged for security and restriction by lock and key.

Name of Main Building Location: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building (Alternate Main Building Location): \_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Name of Building: \_\_\_\_\_

Address: \_\_\_\_\_

Address (cont'd): \_\_\_\_\_

Please provide any further or other required comments that you might have concerning your network.

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## Wireless Broadband

**If you checked OPTION 3 (above), please fill out the following section. In this section you are providing the Ring of Nations with the information details as to what you envision your wireless network should look like.**

Where on your Tribal Land Network would you like Wireless Broadband Connection(s)? Knowing that the NTIA funding that may be available will not cover an extended and vast areas of Tribal Land, please indicate where your population centers are, and where you believe that there is the greatest need for high speed Wireless Internet Access.

If you have existing towers in those population center areas (for example: water towers or other cellular or radio towers), then please indicate the location for those towers. Knowing that these type of towers do not usually have a street address, you may provide GPS coordinates. If you cannot provide a location with a street address or GPS coordinates, then please provide as much of a thorough description as possible; such as: “350 feet WEST of 315 Buffalo-Hide Drive, 2 miles due EAST of the Community Center”, or like: “the water-tower, NW corner of 6<sup>th</sup> and

Vine Street, near the common PowWow Grounds". Anything you write will give our RON Engineering Team some idea of where to design a Fiber-Run for connection to the Wireless Radio Units. Also, please provide a description of all the associated the terrain features. Descriptions such as "flat"," hilly, rolling hills"," mountains on west side", or "deeply forested here", would be of great assistance. The Ring of Nations' Plans are to do a very very rough estimate of what the basic equipment, fiber and engineering would be and then calculate the associated costs. Afterward, RON will then apply with NTIA for those funds, and then be committed to performing the actual engineering once the funding has been approved. Detailed Surveys will be required at that time.

**Please provide a description of where you would like the Wireless Internet Access to be installed and made available.**

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Please indicate whether you would like this to be Point-to-Point Wireless for High Speed Access to individual homes; or WiFi for roaming for laptops; or a combination of both of these Wireless Services. As a brief explanation, WiFi is a Wireless Service that will connect directly with a PC that has had a wireless card added to its service capabilities. This type of Wireless WiFi Service allows you to roam, much the same as you do with a cell phone. As long as your PC/Laptop can pick up a WiFi Signal, you will be able to get Internet Access on that PC/Laptop.

Point- to-Point Wireless can replace a normal telephone line with a substitute Wireless Connection. However this means that a device will have to be attached to the building where you want the service, and an Ethernet Connection will then be brought into that building. From that point, you can then attach that Ethernet Connection to your own PC/ Laptop, Router, or Wireless Router, and you get high speed Internet Access within that building. This type of Wireless Connection would be similar to Cable Modem or DSL Services that are provided by a Local Telephone Company or Local Cable Company.

Point –to-Point Wireless Only. (Approximately) How many homes are in the area that you would like to cover?

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WiFi Access Only. Who do you see as the major users? Please provide the Location Centers and Addresses.

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Mixture of both Services: WiFi and Point-to-Point Wireless. Why do you believe you require a “mixed service”?

Who do you see as the major users? Please provide the Location Centers and Addresses.

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