PYRAMID LAKE PAIUTE TRIBE
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Posted: 3/27/2013

Request for Quote
TITLE: PLPT Data Center Server System

The Pyramid Lake Paiute Tribe (PLPT) is soliciting quotes from qualified vendors for the data center server system. There are three primary options for quotes. The first is an integrated and fully redundant compute node system which is a COTS system comprised of data storage, compute nodes, switching, software, licenses, VM solution and management system. The second is a hybrid fully redundant compute node system. This will be comprised of the same options with the exception of not being a COTS solution. The third option is for a rack server array solution with fully redundant independent servers, operating system software and licenses. Specifications for quoting are minimum, and options for upgrading individual components are acceptable. Please specify if any software and licenses are not included in the quote. It is ideal that software licenses be of 3 year duration if possible. Value added services and support contracts are important options for consideration. You may provide more than one solution for any category. All questions and clarifications may be directed to:

Greg Gardner
PLPT Technology Services Director
775-574-1000 ext 117
ggardner@plpt.nsn.us

Location Description
The equipment will be housed in a new pre-fabbed network node building. There is 200 amp service of redundant power, both 48 volts and 120 volts. Backup power and climate control are also in the node. **The entrance to the**

node is a single 36 inch door with an actual opening of 34 inches. So it is imperative that all solutions are specified with overall dimension requirements. If this affects a pre-built solution and there is an alternative to installation, then please duly note this. There will be a 10 GB and 1 GB drop for the server system.

Integrated COTS Computer Node Solution
These are typically represented by the IBM Pureflex system, the HP Cloudsystem, the Netapp Flexpod system, the Dell vStart system and the VCE VBlock system.
3 compute nodes
Dual Xeon 2.5 ghz or comparable x86 processors minimum 6 cores
64 GB Ram / node – 128 GB Ram preferred.
Redundant shared storage system with minimum 8 TB
10 input capable switching system
Management system
Redundant power system support
VMWare VSphere and VCenter management licenses
          for at least 15 VMs per compute node
MS Server 2012 DataCenter (three licenses – 1 for each node)
Redhat Enterprise licenses for two VMs on each node.
125 MS CAL user licenses
5 year service and replacement hardware warranties, next day service.
3 year Software support services
KVM system

Hybrid Integrated Computer Node System

3 compute nodes

Dual Xeon 2.5 ghz or comparable x86 processors minimum 6 cores

64 GB Ram / node – 128 GB Ram preferred.

Redundant shared storage system with minimum 8 TB

10 input capable switching system

Management system

Redundant power system

VMWare VSphere and VCenter management licenses

MS Server 2012 DataCenter (three licenses)
125 MS CAL user licenses

5 year service and replacement hardware warranties, next day service.
3 year Software and license support services
KVM system

Server Solution
Full size 19 inch 4 post rack (approximately 23 inch depth x 7 feet height)
Dual IP Managed Vertical Power strips
7 Servers - 19 inch rack servers with sliding rails
DVD writer, 4 usb ports, Dual NIC 1 gb ports
Storage
  2 TB SATA on each server with Raid 1
  8 TB SATA on one server with Raid 10
or shared storage solution of 8TB minimum.
6 Windows Server 2012 Standard licenses, 1 Redhat Enterprise license
125 MS CAL user
5 year service and replacement hardware warranties, next day service.
3 year Software and license support services
KVM 16 channel system – network based monitoring

Request for Quotes will expire on 05/31/2013 at 4:00 pm. Please mark sealed envelope with "Quote – PLPT Data Center Server System". Please submit your sealed proposals to the Tribal Secretary's Office at P.O. Box 256, Nixon, NV 89424 or deliver to 208 Capitol Hill, Tribal Secretary's Office in Nixon, NV.   Soft copies sent by email to the PLPT Technology Director, Greg Gardner: ggardner@plpt.nsn.us and received by the deadline are acceptable and PREFERRED. Please put "Quote – PLPT Data Center Server System" in the subject line.

THE TRIBE RESERVES THE RIGHT TO REFUSE ANY AND ALL BIDS.
Preference in selection process is given to qualified Indian candidates in accordance with the Indian Preference Act (Title 25, U.S. Code, Section 472 and 473). However, the Pyramid Lake Paiute Tribe is an Equal Opportunity Employer and all qualified candidates will be considered in accordance with the provisions of Section 703 (I) of Title VII of the Civil Rights Act of 1964, amended in 1991.