

## Invitation to Bid on Technology Infrastructure

The Nye county School District, Pahrump Nevada will receive sealed bids at the Office of the Nye County Superintendent, Southern District office for Technology Infrastructure to include Wireless, Routing, Switching, Cabling, Fiber Solution and Network Project at 12 of our school locations.

Bids will be received until 10:00 a.m. on February 25, 2019. All bids will be opened publicly at 10:00 a.m. February 25, 2019 at the Nye County School District Southern Office. Award of bid is scheduled for February 27, 2019 Board of Trustees meeting. Bids shall be submitted in a sealed envelope and delivered to the following address: Nye County School District, 484 South West Street, Pahrump, NV 89048. The envelope must be sealed and marked "Technology Infrastructure Bids, Form 470 #190014800".

Request for bid specifications and forms may be obtained by going to the Nye County School District website [www.nye.k12.nv.us](http://www.nye.k12.nv.us) or USAC portal website <https://portal.usac.org> and looking up the posted 470 or by contacting Kristin Marshall at 775-727-7743 extension 247 or [kmarshall@nyeschools.org](mailto:kmarshall@nyeschools.org), Nye County School District, 484 South West Street, Pahrump, NV 89048. Debarment and Suspension Certification must accompany all bids. A written certification is a required part of the contract pursuant to subsection 2 of NRS 332.065. The awarded bidder will be notified by the Nye County School District.

The Board of Trustees of the Nye County School District reserves the right to reject any or all bids and to accept the bid which it feels is in the best interest of the area to be served and/or the School District and follows all applicable NRS laws and Erate rules.

Board of Trustees  
Nye County School District



Attest: Teresa Stoddard, Clerk



Attest: Raymond Ritchie,  
Chief Operating Officer  
Nye County School District

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Two Publications: On or about January 30, 2019  
On or about January 31, 2019

Two Affidavits of Publisher  
Pahrump Valley Times PO #41488  
Tonopah Times-Bonanza PO #41489



### Description of Other Functions

Id	Name
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Narrative

### Category Two Service Requests

Service Type	Function	Manufacturer	Manufacturer Other Description	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Internal Connections	WAP	Aruba or equivalent			167	Each	Yes	68188, 68189, 68190, 68192, 68194, 68195, 68196, 68197, 68198, 68199, 68201
Internal Connections	Switches	Cisco Systems or equivalent			70	Each	Yes	68188, 68189, 68191, 68192, 68197, 68198
Internal Connections	Switches	Cisco Systems or equivalent			365	Each	Yes	68188, 68189, 68191, 68192, 68194, 68195, 68196, 68197, 68198, 68199, 68201
Internal Connections	Cabling	No Preference		1	2	Feet	Yes	68188, 68189, 68195
Internal Connections	Cabling	No Preference		1	200	Feet	Yes	68188, 68189, 68197, 68198
Internal Connections	Cabling	No Preference		1	26	Feet	Yes	68188, 68189, 68198
Internal Connections	Cabling	No Preference		1	50	Feet	Yes	68188, 68189, 68200
Internal Connections	Antennas, Connectors, and Related Components	No Preference		1	1	Each	Yes	68188, 68189, 68193

### Description of Other Manufacturers

Id	Name
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Narrative
<p>---167-Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies, with latest long-term-release firm-wear installed, and mounts as described in attachments.</p> <p>---1 Cisco 3850-24-S or equivalent</p> <p>- 1 Cisco 4500-X-16SFP+ or equivalent</p> <p>-1- Cisco 4500-X-16SFP+ or equivalent</p> <p>-1- Cisco ISR4331/K9 or equivalent</p> <p>SPF modules, with latest long-term-release firmwear installed, and rack mounts as described in attachments, Quantity includes estimated number of modules.</p> <p>----65-Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W) SPF modules, with latest long-term-release firmwear installed, and rack mounts as described in attachments, Quantity includes estimated number of modules.</p> <p>-8-Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W) SPF modules, with latest long-term-release firmwear installed, and rack mounts as described in attachments, Quantity includes estimated number of modules.</p> <p>---2-two new fiber connections in conduit at JG Johnson. See RFP for description</p> <p>---1-Network Drop in Gym at Parump HS. See RFP for specifications</p> <p>---42- new Cat6 Drops. move and resplice fiber in IDF, MDF include new junction boxes at Tonopah Elementary and Middle Schools, see RFP for Specifications</p> <p>---1-Wireless bridge from Gabbs ES/MS/HS to the Gym . See RFP for specifications.</p> <p>* All proposals and/or information requests should reference the Form 470 number and should be submitted in a sealed envelope and delivered to the following address: Nye County School District, 484 South West Street, Pahrump, NV</p>

89048. The envelope must be sealed and marked Technology Infrastructure Bids. Bids are due by 10:00am local time: Feb 25, 2019, when they will be publicly opened. Award of bid is scheduled for February 27, 2019 Board of Trustees meeting.

- \* The RFPs will also be posted to the Nye County School District website per NRS 332.045 [www.nye.k12.nv.us](http://www.nye.k12.nv.us)
- \* Pursuant to NRS 333.338, Nye County School District, the State of Nevada, cannot enter into a contract with a company unless that company agrees for the duration of the contract not to engage in a boycott of Israel. By submitting a proposal or bid, vendor agrees that if it is awarded a contract it will not engage in a boycott of Israel as defined in NRS 333.338.3.a.
- \* All proposals must identify the specific services that pertain to the service request(s) listed on the Form 470, using the enclosed price lists. Proposals that include and encyclopedic list of all a service providers products and services, and do not identify the specific services being proposed in response to this Form 470 will be disqualified.
- \* At the time of bid submission, all service providers should have a valid Service Provider Identification Number (SPIN), or be able to provide documentation showing that they have begun the process of obtaining a SPIN from USAC. Lacking a valid SPIN, or documentation showing that the process of obtaining one has begun, at the time of submission may result in disqualification.
- \* As required by E-Rate rules, all bids in response to this Form 470 must offer the Lowest Corresponding Price (LCP). See USAC's website (<http://usac.org/sl/service-providers/step02/lowest-correspondingprice.aspx>) for additional information.
- \* Any offering of free services must be clearly identified in service providers' proposals, and must be compliant with USAC's Free Services Advisory.
- \* The price of the eligible goods and/or services will be given primary consideration in compliance with E-Rate program rules
- \* A vendor can bid on all or some sites, all or some services. Preference may be given to those bids that are deemed most complete.
- \* It is understood that due to the distance between schools more than one vendor may be necessary
- \* Nye County Public Schools reserves the right to award all, none, or part of this bid.

#### Technical Contact

Kristin Marshall  
Accountant  
775-727-7743 ext.237  
[kmarshall@nyeschools.org](mailto:kmarshall@nyeschools.org)

#### State and Local Procurement Restrictions

See Narrative for details.

#### Billed Entities

Billed Entity Number	Billed Entity Name
143398	NYE COUNTY SCHOOL DISTRICT

#### Certifications

I certify that the applicant includes:

I certify that the applicant includes schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801 (18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million.

#### Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may be punished by fine or forfeiture,

under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500, and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. § 54.513. Additionally, I certify that the entity or entities listed on this form have not received anything of value or a promise of anything of value, other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that I have considered what financial resources should be available to cover these costs. I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

#### NOTICE:

In accordance with Section 54.503 of the Federal Communications Commission's ("Commission") rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.503. Schools and libraries must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information requested in this form. We will use the information you provide to determine whether you have complied with the competitive bidding requirements applicable to requests for universal service discounts. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, the information you provide in this form may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information you provide in this form may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form, or in response to subsequent inquiries, may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide in this form may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC or Universal Service Administrator may return your form without action or deny a related request for universal service discounts.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 3.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to [PRA@FCC.gov](mailto:PRA@FCC.gov). DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

**Authorized Person**

Kristin Marshall  
NYE COUNTY SCHOOL DISTRICT  
484 S. WEST STREET  
PAHRUMP, NYE, NV 89048  
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**Certified Timestamp**

01/28/2019 05:56 PM EDT

**Category 2**

	<b>Yes/No</b>	
Amargosa Valley Elem School	Yes	Combined with MS
Amargosa Valley Middle School	Yes	Combined with ES
Beatty Elem School	No	
Beatty Middle School	No	
Beatty HS	No	
Duckwater Schools (ES/MS)	Yes	
Floyd Elem School	Yes	
Gabbs Elem School	Yes	Combined with MS/HS
Gabbs Middle School	Yes	Combined with ES/HS
Gabbs High School	Yes	Combined with ES/MS
Hafen Elem School	Yes	
JG Johnson Elem School	Yes	
Manse Elem School	Yes	
Nye County Northern District Headquarters	No	
Nye County Southern District Headquarters	No	
Pahrump High School	Yes	
Pathways High School	No	
Rosemary Clarke Middle School	Yes	
Round Mountain Elem School	Yes	Combined with MS/HS
Round Mountain Middle School	Yes	Combined with ES/HS
Round Mountain High School	Yes	Combined with ESLMS
Tonopah Elem School	Yes	Combined with MS
Tonopah Middle School	Yes	Combined with ES
Tonopah High School	Yes	
Transportation	No	

**Nye County School District**  
**Category 2 items**  
**Wireless**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Amargosa Elem & MS	7	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Floyd	14	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Hafen	19	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
JG Johnson	10	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Manse	19	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Pahrump HS	46	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Rosemary Clarke MS	29	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Tonopah HS	9	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Rnd Mtn ES/MS/HS	14	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
<b>Total</b>	<b>167</b>	



**Nye County School District**

**Category 2 items**

**Routing** 4 different items - PVHS & RCMS have different add ons.

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Floyd	1	Cisco 3850-24-S or equivalent, with more than 60 Mpps forwarding performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 14 ports supporting 1Gb Fiber, and 6 ports supporting 1Gb Ethernet.
<b>Total</b>	<b>1</b>	
Pahrump HS	1	Cisco 4500-X-16SFP+ or equivalent, with add-on port capacity if necessary, with more than 200 Mpps IPV4 routing performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 2 ports supporting 10Gb SFP with Fiber module, 14 ports supporting 1Gb Fiber, and 6 ports supporting 1Gb Ethernet.
<b>Total</b>	<b>1</b>	
Rosemary Clarke MS	1	Cisco 4500-X-16SFP+ or equivalent, with add-on port capacity if necessary to meet port requirements, with more than 200 Mpps IPV4 routing performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 2 ports supporting 10Gb SFP with Fiber module, 18 ports supporting 1Gb Fiber, and 2 ports supporting 1Gb Ethernet.
<b>Total</b>	<b>1</b>	
Duckwater ES/MS	1	Cisco ISR4331/K9 or equivalent, with at least 100 Mbps aggregate throughput and a minimum of 2 10/100/1000 ports.
<b>Total</b>	<b>1</b>	

**Nye County School District**  
**Category 2 Items**  
**Switching**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Floyd	6	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Hafen	7	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
JG Johnson	10	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Manse	8	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Pahrump HS	21	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Rosemary Clarke MS	13	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
<b>Total</b>	<b>65</b>	

**Nye County School District**  
**Category 2 items**  
**Switching**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Duckwater ES/MS	1	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
Tonopah HS	1	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
Rnd Mtn ES/MS/HS	6	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
<b>Total</b>	<b>8</b>	

**Nye County School District**  
**Category 2 items**  
**Fiber Project**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
JG Johnson	1	Restore access to Modular building groups via new fiber connection. Original underground conduit was destroyed when playground canopy was put in. Currently the modular group is working via a temporary wireless bridge. The modular buildings are in two groups, the bulk of all mods except for one group are all connected via a fiber spoke network. Currently this spoke is engaged by an edge connection in one of the mods which is joined to the larger network via network bridge from a nearby building (SESS). The second bridge joins the last mod pair to the larger group. The most cost effective way to restore service seems to be a conversion of the wireless bridge virtual path to two new fiber connections in conduit.
<b>Total</b>	<b>1</b>	

**Nye County School District**  
**Category 2 items**  
**Cabling Drops**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Pahrump HS	1	Provide network drop to Gym from switch closet in auditorium, total length less than 200 ft. Cable must pass through concrete wall of Gym at matching height of existing wireless AP. The use of a lift will be necessary. Once the drop is complete and tested, an AP will be mounted to the concrete wall, connected, and protected with a wire cage. The AP, wall mount, and cage will be provided by the in-house IT department.
<b>Total</b>	<b>1</b>	
Rosemary Clarke MS	26	Provide network drops to new AP locations to nearest network infrastructure site, punch down to new patch panel if necessary, and terminate into biscuit jack in ceiling, which will be mounted to any nearby structural component above the ceiling tile. Drops must contain extra length neatly coiled above the ceiling tile.
<b>Total</b>	<b>26</b>	

**Nye County School District**  
**Category 2 items**  
**Network Combined Projects**

<b>School</b>	<b>Quantity</b>	<b>Description</b>
Split Between Tonopah Elem & Middle	?	The existing IDF for the upper building is inside a very small janitor closet on the second floor. The goal is to create a new IDF in a room down the hall on the other side of the upper building. The project will require both fiber work and 42 network cable drops to classrooms. See project details for more information.
Split Between Tonopah Elem & Middle	42	Drops
Split between Gabbs ES/MS/HS	1	To bridge network connectivity to the school Gym/Multi-Purpose-Room by way of wireless sky bridge. The directional radio equipment will connect the main school building and the Gym via rooftop mounts. The equipment and mounts must be rated for high wind and incliment weather operation. The distance will be close to 300 ft and the rated speed must be at least 100 Mb/s. The radio units must be completely self contained and POE powered.