



FCC Form 470 – Funding Year 2019

Form 470 Application Number: 190016311

PAC 17019622 470 19

Billed Entity

Pan American Charter School
TBD
Phoenix, AZ 85017
602-266-3989

Contact Information

Monica Brownlee
erate2@panamericancharter.org
602-266-3989

Billed Entity Number: 17019622

FCC Registration Number: 0025585456

Application Type

Applicant Type: School

Recipients of Services: Charter School; New Construction
School; Public School

Number of Eligible Entities: 1

Consulting Firms

Name	Consultant Registration Number	Phone Number	Email
GETFUNDED	16057463	480-473-5785	john.egan@getfunded.net

Consultants

Name	Phone Number	Email
Dawn Palermo	480-419-5729	dawn.palermo@getfunded.net
JOHN EGAN	480-473-5785	john.egan@getfunded.net
Sandi Curto	480-473-5072	sandi.curto@getfunded.net

RFPs

Id	Name
67751	C2 RFP Pan American Charter School New Site

Category One Service Requests

Service Type	Function	Function Other Description	Minimum Capacity	Maximum Capacity	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Data Transmission and/or Internet Access	Leased Lit Fiber (with or without Internet Access)		100 Mbps	1 Gbps	1	1	Circuits	Yes	
Data Transmission and/or Internet Access	Internet Access and Transport Bundled (Non-Fiber)		100 Mbps	1 Gbps	1	1	Circuits	Yes	

Description of Other Functions

Id	Name

Narrative

Internet Access:

100Mbps - 1G Qty:1 - High speed Internet and Lit Fiber
 All Non-recurring costs eligible/ineligible are identified.

Purchasing

Sales tax

Shipping included

Installation/Licenses

Configuration

Bidders shall offer Month-to-Month and multi-year contract options with no more than three years preferred. Three-year contract desirable with annual option to renew for up to two additional years.

Bidders shall offer pricing in 100Mbps increments up to 1G.

Contract must allow for upgrades to quoted bandwidth.

Please refer to <http://www.panamericancharter.org/e-rate.html> for questions/answers to all vendors during the 28-day bidding process.

Category Two Service Requests

Service Type	Function	Manufacturer	Manufacturer Other Description	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Internal Connections	Antennas, Connectors, and Related Components	Ubiquiti or equivalent		1	2	Each	Yes	67751
Basic Maintenance of Internal Connections	Antennas, Connectors, and Related Components	Ubiquiti		1	2	Each		67751
Internal Connections	Cabling	No Preference		1	600	Feet	Yes	67751
Internal Connections	Caching	Other	1		2	Each	Yes	67751
Basic Maintenance of Internal Connections	Caching	Other	1	1	2	Each		67751
Internal Connections	Firewall Service and Components	SonicWALL or equivalent			2	Each	Yes	67751
Basic Maintenance of Internal Connections	Firewall Service and Components	SonicWALL		1	2	Each		67751
Internal Connections	Racks	American Power Conversion or equivalent			5	Each	Yes	67751
Basic Maintenance of Internal Connections	Racks	American Power Conversion		1	6	Each		67751
Internal Connections	Router	Other	1		2	Each	Yes	67751
Basic Maintenance of Internal Connections	Router	Other	1	1	2	Each		67751
Internal Connections	Switches	Ubiquiti or equivalent			2	Each	Yes	67751
Basic Maintenance of Internal Connections	Switches	Ubiquiti		1	2	Each		67751
Internal Connections	Switches	Ubiquiti or equivalent			16	Each	Yes	67751
Basic Maintenance of Internal Connections	Switches	Ubiquiti		1	16	Each		67751
Internal Connections	Switches	Ubiquiti or equivalent			54	Each	Yes	67751
Basic Maintenance of Internal Connections	Switches	Ubiquiti		1	54	Each		67751
Internal Connections	UPS/Battery Backup	American Power Conversion or equivalent			2	Each	Yes	67751
Basic Maintenance of Internal Connections	UPS/Battery Backup	American Power Conversion		1	2	Each		67751
Internal Connections	UPS/Battery Backup	American Power Conversion or equivalent			3	Each	Yes	67751

Service Type	Function	Manufacturer	Manufacturer Other Description	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Basic Maintenance of Internal Connections	UPS/Battery Backup	American Power Conversion		1	3	Each		67751
Internal Connections	WAP	Ubiquiti or equivalent			80	Each	Yes	67751
Basic Maintenance of Internal Connections	WAP	Ubiquiti		1	80	Each		67751
Internal Connections	WAP	Ubiquiti or equivalent			6	Each	Yes	67751
Basic Maintenance of Internal Connections	WAP	Ubiquiti		1	6	Each		67751
Internal Connections	Wireless Controller	Ubiquiti or equivalent			1	Each	Yes	67751
Basic Maintenance of Internal Connections	Wireless Controller	Ubiquiti		1	1	Each		67751
Managed Internal Broadband Services	Leased Equipment			1				67751
Managed Internal Broadband Services	Existing Equipment			1				67751
Internal Connections	Racks	Tripplite or equivalent			1	Each	Yes	67751
Basic Maintenance of Internal Connections	Racks	Tripplite		1	1	Each		67751

Description of Other Manufacturers

Id	Name
1	SecureSchool
2	SecureSchool
3	SecureSchool
4	SecureSchool

Narrative

SEE ATTACHED RFP FOR DETAILS

Antennas, Connectors, and related components:

Ubiquiti or equivalent, Airfiber 24 or equivalent, Qty: 2 each at NEW CAMPUS

1G Wireless Network Connection, Multi-year 8x5 business day or equivalent

Installation/Configuration/Basic Maintenance

Cabling:

Cat 6 100 meters max each

Qty: 800 network drops at NEW CAMPUS NAME/ADDRESS

10G LitFiber 300 meters max each

8 strand Fiber connections between elementary and high school buildings.

8 strand Fiber connection between 1st and 2nd floor IDFs at elementary building

Include all connectors and hardware, patch panels, media converters, patch cables, etc.

Installation/Configuration/Basic Maintenance

Racks:

Tripp lite or equivalent, Standalone Cabinet Closure, 42u or equivalent, Qty: 1 NEW CAMPUS NAME/ADDRESS

Tripp lite or equivalent, Wall Mounted Locking Enclosures, 12u or equivalent, Qty: 5 NEW CAMPUS NAME/ADDRESS

Installation/Configuration/Basic Maintenance

Router:

K12USA SecureSchool w/ Transparent Filtering, Qty: 2 NEW CAMPUS NAME/ADDRESS

Installation/Configuration/Basic Maintenance Multiyear, include licensing for each

Internet Cache:

K12USA CacheTrakker or equivalent, Qty. 2 NEW CAMPUS NAME/ADDRESS

Installation/Configuration/Basic Maintenance

Switches:

Ubiquiti UniFi or equivalent, US 16 XG 10Gig 12 SFP+/4 10G RJ45 Core Switch or equivalent Qty: 2 at NEW CAMPUS NAME/ADDRESS

Ubiquiti UniFi or equivalent, US 48 Port 750w Gig Switch or equivalent, Qty: 16 at NEW CAMPUS NAME/ ADDRESS
Ubiquiti 10GBASE SFP+ Modules, UF MM 10G or equivalent Qty: 54 at NEW CAMPUS NAME/ADDRESS
Installation/Configuration/Basic Maintenance
UPS:
APC Smart UPS or equivalent, SMX3000LVNC or equivalent, Qty: 2 at NEW CAMPUS NAME/ADDRESS
APC Smart UPS or equivalent SMT1500RM2UNC or equivalent, Qty 3 at NEW CAMPUS NAME/ADDRESS
Installation/Configuration/Basic Maintenance
Firewall:
SonicWall or equivalent, TZ 600, Qty: 2
Installation/Configuration/Basic Maintenance
WAP:
Ubiquiti or equivalent Unifi AC Pro-EDU or equivalent, Qty: 80 NEW CAMPUS NAME/ADDRESS
Ubiquiti or equivalent UniFi AP AC Outdoor, Qty: 6 NEW CAMPUS NAME/ADDRESS
Wireless Controller:
Ubiquiti UniFi XG wireless controller or equivalent, Qty: 1
Purchase and installation include MIBS 1
MIBS 2 Firewall Hardware
Please refer to (website) for questions/answers to all vendors during the 28-day bidding process.
Basic Maintenance
Cabling
Cat 6 100 meters max each
Qty: 800 network drops at NEW CAMPUS NAME/ADDRESS
10G Lit Fiber 300 meters max each
8 strand Fiber connections between elementary and high school buildings.
8 strand Fiber connection between 1st and 2nd floor IDFs at elementary building
Racks
Tripp lite or equivalent, Standalone Cabinet Closure, 42u or equivalent, Qty: 1 NEW CAMPUS NAME/ADDRESS
Tripp lite or equivalent Wall Mounted Locking Enclosures, 12u or equivalent, Qty: 5 NEW CAMPUS NAME/ ADDRESS
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K12USA SecureSchool with Transparent Filtering, Qty: 2 NEW CAMPUS NAME/ADDRESS
Installation/Configuration/Basic Maintenance
Internet Cache:
K12USA CacheTrakker or equivalent, Qty. 2 NEW CAMPUS NAME/ADDRESS
Switches:
Ubiquiti UniFi or equivalent, US 16 XG 10Gig 12 SFP+/4 10G RJ45 Core Switch or equivalent Qty: 2 at NEW CAMPUS NAME/ADDRESS
Ubiquiti UniFi or equivalent, US 48 Port 750w Gig Switch or equivalent Qty: 16 at NEW CAMPUS NAME/ADDRESS
Ubiquiti 10GBASE SFP+ Modules, UF MM 10G or equivalent Qty: 54 at NEW CAMPUS NAME/ADDRESS
UPS:
APC Smart UPS or equivalent, SMX3000LVNC or equivalent Qty: 2 at NEW CAMPUS NAME/ADDRESS
APC Smart UPS or equivalent SMT1500RM2UNC or equivalent Qty 3 at NEW CAMPUS NAME/ADDRESS
Installation/Configuration/Basic Maintenance
WAP:
Ubiquiti or equivalent Unifi AC Pro-EDU or equivalent, Qty: 80 NEW CAMPUS NAME/ADDRESS
Ubiquiti or equivalent UniFi AP-AC-Outdoor, Qty: 6 NEW CAMPUS NAME/ADDRESS
Ubiquiti UniFi XG wireless controller or equivalent
Purchase and installation include MIBS 1
MIBS 2 Firewall Hardware
Licensing
Router:
K12USA SecureSchool with Transparent Filtering, Qty: 2 NEW CAMPUS NAME/ADDRESS Multiyear, include licensing for each
Please refer to <http://www.panamericancharter.org/e-rate.html> for questions/answers to all vendors during the 28-day bidding process.

Technical Contact

State and Local Procurement Restrictions

Please refer to <http://www.panamericancharter.org/e-rate.html> for questions/answers to all vendors during the 28-day bidding process. Answers to questions and to provide clarification to the RFP, will be available to all vendors on website ONLY

The agreement or contract must specifically identify the eligible internal connections covered, including product name, model number and location. Support for basic maintenance will be paid for the actual work performed under the agreement or contract. Support for bug fixes, security patches, and technical support is not subject to this limitation. All Non-recurring costs eligible/ineligible are identified.

- Purchasing
- Sales tax
- Shipping included
- Installation/Licenses
- Configuration
- Travel Expenses

Category Two bids to be considered by this applicant, must:

- o All items listed in Category Two, above are included, described and proceed individually, with make, model, SKU and detailed description of configuration.
- o Bids are presented “by building” and then “by line item” with make, model number, description and pricing for each item within each building, as described above.
- o Bids for “E-rate eligible items” must be limited to \$156.00 per student for each building
- o If a bid for requested items exceeds \$156.00 per student per building, vendor must list them in a separate section titled “required equipment to make the system fully functional -over \$156.00 per student per school.”
- o Contracts are valid only if funding is awarded. Vendor must review state and local procurement rules and regulations listed on this 470. Contact only the person listed as the Technical contact...only by email. Bids must be submitted via email to erate2@panamericancharter.org. No phone calls please.

DO NOT contact the consultant either by phone or email, except to report that the applicant does not respond to your emailed bid/proposal.

Contracts are valid only if funding is awarded.

Only bids submitted within the 28 day window will be accepted. Bids must reference the SLD Form 470 number and Service Provider Identification Number (SPIN).

SPI is the preferred method of invoicing.

Billed Entities

Billed Entity Number	Billed Entity Name
17019622	Pan American Charter School

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. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

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Certified Timestamp

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