

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
)	
)	
Schools and Libraries)	CC Docket No. 02-6
Universal Service Support Mechanism)	
)	
Request for Review and/or Waiver by)	
the Gateway School District)	Application No. 161015430
of Funding Decision by the)	
Universal Service Administrative Company)	

**REQUEST FOR REVIEW AND/OR WAIVER
BY THE GATEWAY SCHOOL DISTRICT
OF FUNDING DECISION BY THE
UNIVERSAL SERVICE ADMINISTRATIVE COMPANY**

Pursuant to sections 54.719 and 54.722 of the Commission's rules,¹ the Gateway School District (Gateway or the District) in Monroeville, Pennsylvania,² hereby respectfully requests a review of the Universal Service Administrative Company (USAC) decision to deny Schools and Libraries Universal Service (E-rate) funding to Gateway for its Funding Year 2016 FCC Form 471 application number 161015430.³

Contrary to USAC's findings, Gateway did not include the cost of ineligible services when it used price as the primary factor to evaluate the many competing bidders. Thus, we respectfully ask the Commission to reverse USAC's decision and grant funding to Gateway for the funding requests at issue. In the alternative, even if it had inadvertently included ineligible

¹ 47 C.F.R. § 54.719(b), (c); 47 C.F.R. § 54.722(a).

² Billed Entity Number 125235.

³ Gateway is appealing its FCC Form 471 No. 161015430 (FRN No.1699028058). Exhibit 1.

services in its evaluation of price, Gateway selected the least expensive bidder. Consistent with precedent, the Bureau should grant a waiver of the rules to allow Gateway to receive funding.

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I. BACKGROUND

The Gateway School District is located in Monroeville, Pennsylvania. Gateway is an award-winning public school system that serves the communities of Monroeville and Pitcairn by educating 3,336 students in grades K-12 in its seven schools.

On December 18, 2015, Gateway posted an FCC Form 470 and issued a request for proposal (RFP) for Category 2 services, including wireless access points and a firewall.⁴ The RFP specified several disqualification factors, including not being able to provide the products and services requested in the RFP.⁵

Gateway received eight bids in response to its RFP.⁶ Gateway reviewed the bids using four criteria: (1) cost; (2) met requirements; (3) prior experience; (4) other features. The cost category was divided into two components: (1) initial costs (hardware) and (2) long-term costs (maintenance).⁷ The cost category was worth 40 points (20 points for each component) and the other categories were worth 20 points each. Using Gateway's evaluation matrix, Michael Brown, Gateway's technology director, scored each of the eight vendors. Gateway disqualified Netch because the firewall proposed by Netch could not perform packet inspection at 10 Gbps,

⁴ See FCC Form 470 #160012764.

⁵ Exhibit 2, RFP at section 6.0.

⁶ Bidders were Netch, Insight, Advent, All Covered, AEC Group, Advizex, Xtel and Connectivity. A few other vendors submitted proposals that were so deficient they did not even warrant evaluation.

⁷ Exhibit 3, Evaluation Matrix.

which was a requirement of the RFP.⁸ As the evaluation matrix noted, Netech received a “zero” under the “met requirements” category.⁹

The RFP requested a firewall plus a back-up firewall. Mr. Brown knew the second firewall would be duplicative under E-rate rules and did not consider the cost for that firewall in his evaluations. Insight received the most points among the vendors with 20 points and so Gateway selected Insight as the winning bidder. Insight was also the least expensive, responsible bidder, pursuant to state requirements.¹⁰ On April 5, 2016, Gateway applied for \$132,833.09 in E-rate funding for Category 2 services.¹¹

During PIA review, Gateway answered questions about its contract and the cost-effectiveness of its services. Ultimately, on January 27, 2017, USAC denied the funding request with the determination that Gateway did not have a contract in place.¹²

Gateway filed its appeal timely with USAC and demonstrated to USAC that it had a contract in place. USAC asked Gateway further questions about its application while the appeal was pending. On the questions regarding the appeal, USAC noted that part of the cost for the

⁸ Exhibit 2, RFP, Appendix A; RFP Details, page 3 (firewall, item 1); and RFP, section 2.2 (“An equipment manufacturer and product number may be listed in Appendix A, but the District will consider proposals for equipment manufactured by other companies that is *equivalent to the quality and functionality* of the Appendix A list and is compatible, as well as interoperable, with the District’s existing network equipment that is listed in Appendix A” (emphasis added)). Gateway also had issues with the “Paloalto” proposals offered by Advizx and AEC Group. Those proposals offered workarounds for the deficiency (could not support the SSO requirement) but those solutions limited the effectiveness of the solutions and their proposals were evaluated consistent with that determination.

⁹ Exhibit 3, evaluation matrix.

¹⁰ Exhibit 2, RFP at 6.0 (“In accordance with applicable state law, 24 P.S. Section 8-807.1, the District is required to select the proposal of the “lowest responsible bidder” in the event that the District decides to award a contract.”).

¹¹ Exhibit 1, FCC Form 471.

¹² Exhibit 4, FRN status tool with denial reason, dated January 27, 2017.

firewall should have been omitted from the funding request.¹³ The ineligible cost of the equipment was about \$12,000.¹⁴ Prior to USAC’s statement about the firewall, Gateway had no reason to believe that any part of the firewall was ineligible. In fact, Gateway’s RFP directed vendors to identify which equipment, if any, was only partially eligible due to ineligible components.¹⁵ None of the vendors identified any part of the firewall as being partially E-rate ineligible.¹⁶

On March 24, 2018, USAC found that Gateway’s appeal “brought forward persuasive information that the appealed decisions should be overturned.” USAC, however, noted that it was “unable to provide funding” because now USAC had identified a different issue with Gateway’s application.¹⁷ Specifically, USAC found that Gateway included the value of ineligible products and services in its consideration of price.¹⁸ It is unclear from the appeal decision which products and services USAC believed to be ineligible.¹⁹ Pursuant to Commission rules, Gateway timely files its appeal with the Commission.

¹³ USAC had also noted the cost-allocation of the one piece of equipment during PIA review, but had not reduced the funding request accordingly. Exhibit 5, October 2016 PIA Request.

¹⁴ *Id.*

¹⁵ Exhibit 2, RFP at 3.4.

¹⁶ The vendors told Gateway the firewall was 100 percent E-rate eligible.

¹⁷ See Exhibit 6, FRN Status tool with Post Commitment Rationale (FRN level).

¹⁸ *Id.*

¹⁹ *Id.* In December 2017, Gateway received an “intent to deny” notice from the USAC appeals division. In that document, USAC noted that it “appeared that [Gateway was] comparing the total cost of the proposals along with ineligible costs such as training and implementation and not just the costs of the eligible amounts.” See Exhibit 7, December 2017 Intent to Deny. That language was not included in the appeal denial reason, so it is unclear if that was USAC’s issue with this application or if there was some other issue it did not identify. Regardless, training and installation are eligible C2 services. See 2016 ESL at page 8.

II. THE COMMISSION SHOULD GRANT THIS APPEAL BECAUSE GATEWAY DID NOT INCLUDE THE COST OF INELIGIBLE SERVICES WHEN IT EVALUATED PRICE

USAC denied Gateway's appeal because USAC claimed that Gateway included the value of ineligible products and services in its price factor, and thus violated the Commission's competitive bidding rules. To the contrary, Gateway did not knowingly include the cost of any ineligible services in its evaluation of cost.

A. Gateway Complied Fully with the Requirements to Use Price as the Primary Factor When Evaluating Bidders.

Commission rules require applicants to seek competitive bids for all services and equipment eligible for E-rate discounts.²⁰ Applicants are generally required to post an FCC Form 470 to seek competitive bids.²¹ In addition, applicants must "carefully consider all bids submitted" and thereafter must select "the most cost-effective service offering" using the price of eligible goods and services as the primary factor.²²

Gateway satisfied this rule. It evaluated vendors using 40 percent for the cost category—twice the value of any other category—and determined that Insight was the winning bidder. There is no rule that says an applicant cannot consider more than one component for costs, as long as all of the costs are eligible, and in total, the points for cost are the primary factor. Gateway had removed all of the ineligible services that it was aware of prior to bidding. Here,

²⁰ See 47 C.F.R. § 54.503(a)-(b) (2014); *see also Fed.-St. Joint Bd. on Universal Service*, CC Docket No. 96-45, Report and Order, FCC 97-157 ¶ 480 (1997) (*First Universal Service Order*) (finding that "fiscal responsibility compels us to require that eligible schools and libraries seek competitive bids for all services eligible for [E-rate] discounts.").

²¹ 47 C.F.R. §§ 54.503(c).

²² 47 C.F.R. § 54.511(a) (2014); *see also* 47 C.F.R. §§ 54.503(c)(2)(ii)(B), 54.504(a)(1)(ix) (2015) (requiring applicants to certify on FCC Forms 470 and 471 respectively that the most cost-effective bid will be or was selected); *Request for Review of the Decision of the Universal Service Administrator by Ysleta Independent School District El Paso, Texas, et al.*, Order, FCC 03-313, 18 FCC Rcd 26407, n.138 (2003) (*Ysleta Order*).

Gateway considered the maintenance costs over time for the equipment in the long-term category in addition to the equipment, installation and training costs incurred during the first year (“initial costs”). The “long-term” maintenance costs are E-rate eligible so all of the costs that Gateway considered in its evaluation of price are eligible.²³ In fact, the Commission has encouraged applicants to consider the lifetime costs of a particular solution, instead of just the one-year costs.²⁴ Such evaluation ensures that the applicant—and the program—are receiving the best overall value for the services purchased. As such, Gateway met the requirements of the competitive bidding rule.

B. At Most, Gateway Inadvertently Included an Ineligible Portion of an Otherwise Eligible Piece of Equipment That It Had No Way of Knowing Was Partially Ineligible

Because it is unclear why USAC denied Gateway’s appeal, we also address the fact that part of the firewall Gateway selected to purchase through its competitive bidding process should be cost-allocated because it apparently contains some ineligible functionalities. During PIA review in October 2016, USAC notified Gateway that 45 percent of the Dell NSA 6600 firewall/router was ineligible.²⁵ USAC did not deny the entire funding request based on that reason at that time, and Gateway had no objection to removing the costs for ineligible functionalities.

²³ ESL 2016, at pages 5-8, maintenance, installation and training are E-rate eligible services.

²⁴ *Modernizing the E-rate Program for Schools and Libraries, Connect America Fund*, WC Docket Nos. 13-184 and 10-90, Second Report and Order and Order on Reconsideration, 29 FCC Rcd 15538 (2014), ¶ 48 (“Applicants interested in pursuing self-construction must solicit bids for both service and construction in the same FCC Form 470 and must provide sufficient detail so that cost-effectiveness can be evaluated based on the total cost of ownership over the useful life of the facility for applicants who pursue the self-construction option.”) (*Second E-rate Modernization Order*).

²⁵ Exhibit 5, October 2016 PIA Request.

If this is what USAC is basing its denial on, Gateway notes it had no way of knowing that part of the equipment was ineligible and if so, how much should be cost-allocated without the vendors providing that information. Gateway is unaware of any other way it could have determined the percentage of eligibility other than from the vendors. Gateway noted its in RFP that vendors should indicate if there were components that were not E-rate eligible, and no vendor indicated that any part of the firewall was ineligible.

Gateway in good faith evaluated the bids. Ultimately, the removal of part of the funds for the firewall only made the least expensive and winning bidder—Insight—even less expensive from the program’s perspective with the reduction of the funding request by approximately \$12,000. Also, it is Gateway’s understanding that USAC routinely reduces funding requests to account for services that should have been cost-allocated but were not, but does not routinely deny entire funding requests based on that rationale.

III. EVEN IF THE COMMISSION FINDS THAT GATEWAY ERRED IN ITS COMPETITIVE BIDDING PROCESS, THE COMMISSION SHOULD WAIVE THE RELEVANT RULE BECAUSE GATEWAY SELECTED THE LEAST EXPENSIVE SERVICE PROVIDER.

Even if the Commission believes that Gateway inadvertently evaluated the cost of ineligible services when it considered the price of responsive bidders, the Commission should waive sections 54.503(c)(2)(ii)(B) and 54.511(a) of its rules because Gateway selected the least expensive service provider when the responsive bidders were evaluated.

Any of the Commission’s rules may be waived if good cause is shown.²⁶ The Commission may exercise its discretion to waive a rule where the particular facts make strict compliance inconsistent with the public interest.²⁷ In addition, the Commission may take into

²⁶ 47 C.F.R. § 1.3.

²⁷ *Northeast Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (*Northeast Cellular*).

account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.²⁸

A waiver here would be consistent with the Commission's use of its discretion in the past. The Commission has granted waivers when applicants have not used price as a primary factor, as long as they selected the least expensive bidder.²⁹

Regardless of USAC's reason behind the denial, such a waiver is consistent with Commission precedent here because Gateway selected the least expensive bidder. Even if the "long-term" costs were ineligible, which they were not, then Gateway's error would have been that it did not use price as the primary factor because it would have weighted price the same as the other categories (20 points). If that were the case, then the Commission should also grant a waiver consistent with its precedent on this issue because Gateway selected the least expensive bidder.

Insight was the least expensive bidder. Insight's cost totaled approximately \$208,107³⁰ while the next lowest bidder was Connectivity Communications with a total price of approximately \$255,000.³¹ As noted above, Netech—with a total price of \$269,000—was also

²⁸ *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

²⁹ *Request for Review of Decisions of the Universal Service Administrator by Allendale County School District et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 26 FCC Rcd 6109 (Wireline Comp. Bur. 2011) (*Allendale Order*) (finding that a waiver of the Commission's competitive bidding rules was in the public interest where the petitioners selected the least expensive responsive service offering). The Bureau has since granted many appeals on this basis.

³⁰ Exhibit 8, Insight Bid Pricing Sheet. Insight's total bid was \$260,294.37. That included an extra firewall/license that was removed from the price before evaluation for a total of \$52,187.25. That left a price of \$208,107.12 for E-rate eligible services.

³¹ Exhibit 9, Connectivity Bid Pricing. Connectivity's total bid was \$336,557.31. That included an extra firewall/license that was removed from the price before evaluation, for a total of \$82,502. That left a price of \$254,055.31 for E-rate eligible services.

disqualified because its bid did not meet the terms of the RFP.³² Xtel's bid for E-rate eligible services was \$266,544.³³ The other bidders were all above \$300,000 with some of the bids as high or higher than \$500,000.³⁴

In addition, if USAC's issue was that the Dell firewall included an ineligible component, there is no way Gateway could have known that a certain percentage of a specific piece of equipment had been deemed ineligible by USAC or the manufacturer. It appears that the vendors selling the equipment do not even know that part of the equipment is ineligible. Even with that cost removed, Insight would still be the least expensive bidder.

Further, a denial of this appeal or waiver request would not further the goals of the program. Gateway selected the least expensive vendor, and the requested services are being used by the school district. A waiver is in the public interest because strict compliance with the rule would harm Gateway. Finally, there are no allegations of waste, fraud and abuse here, or evidence of any harm to the competitive bidding process.

If the Commission finds that Gateway violated its rules—even if inadvertently—we respectfully request that the Commission waive the relevant rules because, as demonstrated above, such a waiver is in the public interest and consistent with prior Commission rulings.

³² Exhibit 10, Netech Bid Pricing. Netech's total bid was \$284,897.10; one bid was for \$279,290.10 for most of the requested services and the other bid was for \$5,607 for UPS. That included an extra firewall/license that was removed from the price before evaluation, for a total of \$15,518.80. That left a price of \$269,378.95 for E-rate eligible services.

³³ Exhibit 11, Xtel's total bid was \$298,013. That included an extra firewall/license that was removed from the price before evaluation, for a total of \$31,469. That left a price of \$266,544 for E-rate eligible services.

³⁴ In the interest of addressing only the issue at hand, Gateway is not providing with this appeal the bids of the other vendors that were significantly more expensive. If the Commission would like to review them, we are happy to provide them. USAC also has copies of all of the bids.

IV. CONCLUSION

For the foregoing reasons, the Commission should grant Gateway's requests for review, or, in the alternative, its request for waiver of sections 54.503(c)(2)(ii)(B) and 54.511(a) of its rules. In addition, Gateway requests the Commission waive whatever other rules may be necessary to effectuate its grant of this appeal.

Respectfully submitted,

/s/ Gina Spade

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May 23, 2018

CERTIFICATE OF SERVICE

This is to certify that on this 23rd day of May, a true and correct copy of the foregoing

Request for Review and/or Waiver was sent via email to:

Schools and Libraries Division, Universal Service Administrative Company,
Appeals@sl.universalservice.org

/s/ Theresa K. Schrader

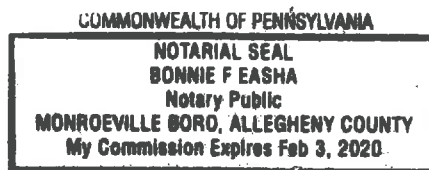
Attachments

Affidavit of Michael Brown

- Exhibit 1 FCC Form 471 No. 161015430
- Exhibit 2 RFP
- Exhibit 3 Evaluation Matrix
- Exhibit 4 FRN status tool with denial reason
- Exhibit 5 October 2016 PIA Request
- Exhibit 6 FRN Status tool with Post Commitment Rationale
- Exhibit 7 December 2017 Intent to Deny
- Exhibit 8 Insight Bid Pricing Sheet
- Exhibit 9 Connectivity Bid Pricing
- Exhibit 10 Netech Bid Pricing
- Exhibit 11 Xtel Bid Pricing

Affidavit of Michael Brown

STATE OF PENNSYLVANIA)
) SS
COUNTY OF ALLEGHENY)



Bonnie 7 Each

I, Michael Brown, swear:

1. That I am Director of Technology for the Gateway School District. I have served in that position since **July 2015**.
2. That I have read the foregoing appeal and avow the information stated therein is true and correct to the best of my knowledge and belief.

Further Affiant Sayeth Not.

Michael Brown

Michael Brown
Director of Technology
Gateway School District
9000 Gateway Campus Blvd
Monroeville PA 15146-3307
412-357-5617

VERIFICATION

STATE OF PENNSYLVANIA)
) SS
COUNTY OF ALLEGHENY)

COMES NOW, Michael Brown, and being first duly sworn upon my oath, state that I have read the foregoing Affidavit, and that the facts contained therein are true and correct to the best of my knowledge, information and belief, and that I sign the same as my free act and deed.


Michael Brown

On this 23 day of May, 2018, before me, a Notary Public in and for said state, personally appeared Michael Brown, known to me to be the person who executed the within Affidavit, and acknowledged to me that he executed the same for the purposes therein stated and that he executed the same as his free act and deed.

Bonnie F. Eashe
Notary Public

My Commission Expires:

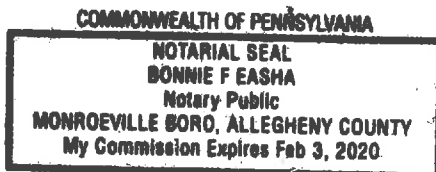


Exhibit 1



Description of Services Ordered and Certification Form 471

FCC Form 471 — Funding Year 2016

Application Number 161015430

Application Information

Nickname FY2016 - Internal Connections 471

Application Number 161015430

Funding Year 2016

Category of Service Category 2

Billed Entity

GATEWAY SCHOOL DISTRICT
9000 GATEWAY CAMPUS BLVD MONROEVILLE PA 15146-3307

mbrown@gatewayk12.org

Billed Entity Number: 125235

FCC Registration Number: 0012695144

Contact Information

Michael Brown
412-670-5190
mbrown@gatewayk12.org

Holiday/Summer Contact Information

Monday-Thursday 7AM-5PM.

Consulting Firms

Name	Consultant Registration Number	City	State	Zip Code	Phone Number	Email
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School District

Name	BEN	Urban or Rural	State LEA ID	State School ID	NCES Code	School District Attributes	Endowment
GATEWAY SCHOOL DISTRICT	125235	Urban				Public School District	None

Related Child School Entities

Name	BEN	Urban or Rural	State LEA ID	State School ID	NCES Code	Number of Students	Students based on estimate	Alternative Discount	CEP Percentage	School Attributes	Endowment
Evergreen Elementary School	16533	Urban				268	N/A	None		Public School	None
Gateway Middle School	16534	Urban				527	N/A	None		Public School	None
University Park Elementary School	16536	Urban				311	N/A	None		Public School	None

Gateway Hi gh School	16542	Urban		000000170		1169	N/A	None		Public Sch ool	None
Dr. Clevel and Stewar d Jr. Elem entary	16543	Urban				322	N/A		50.00%	Public Sch ool	None
Moss Side Middle Sch ool	16544	Urban				473	N/A	None		Public Sch ool	None
Ramsey Ele mentary Sc hool	16548	Urban				320	N/A	None		Public Sch ool	None

Discount Rate

School District Enrollment	School District NSLP Count	School District NSLP Percentage	School District Urban/ Rural Status	Category One Discount Rate	Category Two Discount Rate	Voice Discount Rate
3390	1580	47.0%	Urban	60%	60%	20%

Funding Request for FRN #1699028058

Funding Request Nickname: Insight Systems Exchange
What is the FRN number from the previous year ?

Service Type: Internal Connections

Contract Summary - Contract

Contract Number PRP-39290-X3L5
Establishing FCC Form 470 160012764
Award Date March 15, 2016
Expiration Date

Account Number GAT01
Service Provider Insight Systems Exchange (SPN: 143044100)
Includes Voluntary Extensions? No
Remaining Voluntary Extensions
Total Remaining Contract Length

Document Name	Document Description
Gateway School Dist E-Rate Network Equipment Proposal 032416.pdf	

Contract Information (Additional)

What is the service start date? July 01, 2016

What is the date your contract expires for the current term of the contract? June 30, 2017

Narrative

This contract covers the purchasing of wireless access point, wireless controller, network and switches the wireless network. This contract also includes a upgraded firewall to enable 10Gb internet connectivity as part of the IU WAN. Part of the contract includes a redundant firewall component which will not receive E-Rate funding. The remaining items on the contract includes various patch cords and CAT6 cables for mounting both indoor and outdoor access point. No services were included in this contract.

Line Item # 1699028058.001

Product and Service Details

Type of Internal Connection	Wireless Distribution	Type of Product	Access Point
Make	Ruckus Wireless	Model	R710
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.001

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$575.56
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$575.56
Monthly Quantity	x 0	One-time Quantity	x 183
Units	0	Total Eligible One-time Costs	= \$105,327.48
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$105,327.48
		Pre-Discount Extended Eligible Line Item Cost	= \$105,327.48

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$8,633.40
16534	Gateway Middle School	\$18,993.48
16536	University Park Elementary School	\$8,633.40
16542	Gateway High School	\$35,684.72
16543	Dr. Cleveland Steward Jr. Elementary	\$8,633.40
16544	Moss Side Middle School	\$16,115.68
16548	Ramsey Elementary School	\$8,633.40

Line Item # 1699028058.002

Product and Service Details

Type of Internal Connection	Wireless D ata Distri bution	Type of Product	Access Point
Make	Ruckus Wireless	Model	R600
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.002

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$353.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$353.00
Monthly Quantity	x 0	One-time Quantity	x 15
Units	0	Total Eligible One-time Costs	= \$5,295.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$5,295.00
		Pre-Discount Extended Eligible Line Item Cost	= \$5,295.00

Recipients of Services

Ben	Name	Amount
16534	Gateway Middle School	\$2,824.00
16542	Gateway High School	\$1,059.00
16544	Moss Side Middle School	\$1,412.00

Line Item # 1699028058.003

Product and Service Details

Type of Internal Connection	Wireless D ata Distri bution	Type of Product	Access Point
Make	Ruckus Wireless	Model	T300
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.003

Monthly Cost	One-Time Cost
--------------	---------------

Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$575.56
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$575.56
Monthly Quantity	x 0	One-time Quantity	x 10
Units	0	Total Eligible One-time Costs	= \$5,755.60
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$5,755.60
		Pre-Discount Extended Eligible Line Item Cost	= \$5,755.60

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$575.56
16534	Gateway Middle School	\$1,726.68
16536	University Park Elementary School	\$575.56
16542	Gateway High School	\$575.56
16543	Dr. Cleveland Steward Jr. Elementary	\$575.56
16544	Moss Side Middle School	\$1,151.12
16548	Ramsey Elementary School	\$575.56

Line Item # 1699028058.004

Product and Service Details

Type of Internal Connection	Wireless Data Distribution	Type of Product	Wireless Controller
Make	Ruckus Wireless	Model	SZ100
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.004

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$3,641.56
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$3,641.56
Monthly Quantity	x 0	One-time Quantity	x 2
Units	0	Total Eligible One-time Costs	= \$7,283.12
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$7,283.12
		Pre-Discount Extended Eligible Line Item Cost	= \$7,283.12

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$1,040.45

16534	Gateway Middle School	\$1,040.45
16536	University Park Elementary School	\$1,040.45
16542	Gateway High School	\$1,040.45
16543	Dr. Cleveland Steward Jr. Elementary	\$1,040.44
16544	Moss Side Middle School	\$1,040.44
16548	Ramsey Elementary School	\$1,040.44

[Line Item # 1699028058.005](#)

[Product and Service Details](#)

Type of Internal Connection Data Distribution
Make Hewlett Packard

Type of Product Switch
Model J9729A

Is installation included in Price?No

Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.005](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$1,764.71
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$1,764.71
Monthly Quantity	x 0	One-time Quantity	x 5
Units	0	Total Eligible One-time Costs	= \$8,823.55
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$8,823.55
		Pre-Discount Extended Eligible Line Item Cost	= \$8,823.55

[Recipients of Services](#)

Ben	Name	Amount
16542	Gateway High School	\$3,529.42
16544	Moss Side Middle School	\$1,764.71
16534	Gateway Middle School	\$3,529.42

[Line Item # 1699028058.006](#)

[Product and Service Details](#)

Type of Internal Connection Software

Type of Product Operating System
Software of Eligible Equipment
Model L09-0001-SG00

Make Ruckus Wireless

Is installation included in Price?No

Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.006](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$72.89
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
		One-time Eligible Unit Cost	= \$72.89

Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Quantity	x 208
Monthly Quantity	x 0	Total Eligible One-time Costs	= \$15,161.12
Units	0	Summary	
Total Monthly Eligible Recurring Costs	= \$0.00	Total Eligible Recurring Costs	\$0.00
Months of Service	x 12	Total Eligible One-time Costs	+ \$15,161.12
Total Eligible Recurring Costs	= \$0.00	Pre-Discount Extended Eligible Line Item Cost	= \$15,161.12

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$1,166.24
16534	Gateway Middle School	\$2,696.93
16536	University Park Elementary School	\$1,166.24
16542	Gateway High School	\$5,320.97
16543	Dr. Cleveland Steward Jr. Elementary	\$1,166.24
16544	Moss Side Middle School	\$2,478.26
16548	Ramsey Elementary School	\$1,166.24

Line Item # 1699028058.007

Product and Service Details

Type of Internal Connection Data Distribution

Make Hewlett Packard

Is installation included in Price? No

Type of Product Switch

Model J9574A

Is the hardware for this FRN line item leased? No

Cost Calculation for FRN Line Item # 1699028058.007

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$2,388.89
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$2,388.89
Monthly Quantity	x 0	One-time Quantity	x 5
Units	0	Total Eligible One-time Costs	= \$11,944.45
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$11,944.45
		Pre-Discount Extended Eligible Line Item Cost	= \$11,944.45

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$2,388.89
16536	University Park Elementary School	\$2,388.89
16543	Dr. Cleveland Steward Jr. Elementary	\$2,388.89
16544	Moss Side Middle School	\$2,388.89
16548	Ramsey Elementary School	\$2,388.89

Line Item # 1699028058.008

Product and Service Details

Type of Internal Connection Data Distribution
Make Hewlett Packard
Is installation included in Price?No

Type of Product Switch
Model J9536A
Is the hardware for this FRN line item leased?No

Cost Calculation for FRN Line Item # 1699028058.008

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$994.12
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$994.12
Monthly Quantity	x 0	One-time Quantity	x 4
Units	0	Total Eligible One-time Costs	= \$3,976.48
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$3,976.48
		Pre-Discount Extended Eligible Line Item Cost	= \$3,976.48

Recipients of Services

Ben	Name	Amount
16542	Gateway High School	\$3,976.48

Line Item # 1699028058.009

Product and Service Details

Type of Internal Connection Data Protection
Make SonicWALL
Is installation included in Price?No

Type of Product Firewall Services & Components
Model NSA6600
Is the hardware for this FRN line item leased?No

Cost Calculation for FRN Line Item # 1699028058.009

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$27,233.25
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$27,233.25
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$27,233.25
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$27,233.25
		Pre-Discount Extended Eligible Line Item Cost	= \$27,233.25

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$3,890.47
16534	Gateway Middle School	\$3,890.47
16536	University Park Elementary School	\$3,890.47
16542	Gateway High School	\$3,890.46
16543	Dr. Cleveland Steward Jr. Elementary	\$3,890.46
16544	Moss Side Middle School	\$3,890.46
16548	Ramsey Elementary School	\$3,890.46

[Line Item # 1699028058.010](#)

[Product and Service Details](#)

Type of Internal Connection	Data Protection	Type of Product	UPS/ Battery Backup
Make	American Power Conversion	Model	SMX1500RM2UNC
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

[Cost Calculation for FRN Line Item # 1699028058.010](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$995.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$995.00
Monthly Quantity	x 0	One-time Quantity	x 7
Units	0	Total Eligible One-time Costs	= \$6,965.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$6,965.00
		Pre-Discount Extended Eligible Line Item Cost	= \$6,965.00

[Recipients of Services](#)

Ben	Name	Amount
16533	Evergreen Elementary School	\$995.00
16534	Gateway Middle School	\$995.00
16536	University Park Elementary School	\$995.00
16542	Gateway High School	\$995.00
16543	Dr. Cleveland Steward Jr. Elementary	\$995.00
16544	Moss Side Middle School	\$995.00
16548	Ramsey Elementary School	\$995.00

[Line Item # 1699028058.011](#)

[Product and Service Details](#)

Type of Internal Connection	Cabling/Connectors	Type of Product	Connectors
Make	Hewlett Packard	Model	J9150A

Is installation included in Price?No

Is the hardware for this FRN lineNo
item leased?

Cost Calculation for FRN Line Item # 1699028058.011

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$138.89
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$138.89
Monthly Quantity	x 0	One-time Quantity	x 6
Units	0	Total Eligible One-time Costs	= \$833.34
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$833.34
		Pre-Discout Extended Eligible Line Item Cost	= \$833.34

Recipients of Services

Ben	Name	Amount
16534	Gateway Middle School	\$277.78
16542	Gateway High School	\$555.56

Line Item # 1699028058.012

Product and Service Details

Type of Internal Connection Cabling/Co nnectors
Make Hewlett Packard

Type of Product Connectors
Model J9733A

Is installation included in Price?No

Is the hardware for this FRN lineNo
item leased?

Cost Calculation for FRN Line Item # 1699028058.012

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$294.44
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$294.44
Monthly Quantity	x 0	One-time Quantity	x 10
Units	0	Total Eligible One-time Costs	= \$2,944.40
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$2,944.40
		Pre-Discout Extended Eligible Line Item Cost	= \$2,944.40

Recipients of Services

Ben	Name	Amount
16534	Gateway Middle School	\$588.88
16542	Gateway High School	\$1,766.64

16544	Moss Side Middle School	\$588.88
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[Line Item # 1699028058.013](#)

[Product and Service Details](#)

Type of Internal Connection Cabling/Connectors
Make Hewlett Packard
Is installation included in Price?No

Type of Product Cabling
Model J9736A
Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.013](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$166.67
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$166.67
Monthly Quantity	x 0	One-time Quantity	x 10
Units	0	Total Eligible One-time Costs	= \$1,666.70
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$1,666.70
		Pre-Discount Extended Eligible Line Item Cost	= \$1,666.70

[Recipients of Services](#)

Ben	Name	Amount
16534	Gateway Middle School	\$333.34
16542	Gateway High School	\$1,000.02
16544	Moss Side Middle School	\$333.34

[Line Item # 1699028058.014](#)

[Product and Service Details](#)

Type of Internal Connection Cabling/Connectors
Make Hewlett Packard
Is installation included in Price?No

Type of Product Connectors
Model J9577A
Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.014](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$361.11
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$361.11
Monthly Quantity	x 0	One-time Quantity	x 5
Units	0	Total Eligible One-time Costs	= \$1,805.55
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
		Total Eligible One-time Costs	+ \$1,805.55

Total Eligible Recurring Costs	= \$0.00	Pre-Discount Extended Eligible Line Item Cost	= \$1,805.55
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Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$361.11
16536	University Park Elementary School	\$361.11
16543	Dr. Cleveland Steward Jr. Elementary	\$361.11
16544	Moss Side Middle School	\$361.11
16548	Ramsey Elementary School	\$361.11

Line Item # 1699028058.015

Product and Service Details

Type of Internal Connection Cabling/Connectors

Make Hewlett Packard

Is installation included in Price? No

Type of Product Cabling

Model J9579A

Is the hardware for this FRN line item leased? No

Cost Calculation for FRN Line Item # 1699028058.015

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$138.89
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$138.89
Monthly Quantity	x 0	One-time Quantity	x 10
Units	0	Total Eligible One-time Costs	= \$1,388.90
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$1,388.90
		Pre-Discount Extended Eligible Line Item Cost	= \$1,388.90

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$277.78
16536	University Park Elementary School	\$277.78
16543	Dr. Cleveland Steward Jr. Elementary	\$277.78
16544	Moss Side Middle School	\$277.78
16548	Ramsey Elementary School	\$277.78

Line Item # 1699028058.016

Product and Service Details

Type of Internal Connection Cabling/Connectors

Make Hewlett Packard

Is installation included in Price? No

Type of Product Cabling

Model J9283B

Is the hardware for this FRN line item leased? No

Cost Calculation for FRN Line Item # 1699028058.016

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$110.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$110.00
Monthly Quantity	x 0	One-time Quantity	x 8
Units	0	Total Eligible One-time Costs	= \$880.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$880.00
		Pre-Discount Extended Eligible Line Item Cost	= \$880.00

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$110.00
16534	Gateway Middle School	\$110.00
16536	University Park Elementary School	\$110.00
16542	Gateway High School	\$110.00
16543	Dr. Cleveland Steward Jr. Elementary	\$110.00
16544	Moss Side Middle School	\$220.00
16548	Ramsey Elementary School	\$110.00

Line Item # 1699028058.017

Product and Service Details

Type of Internal Connection	Data Distribution	Type of Product	Router
Make	Hewlett Packard	Model	J9538A
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.017

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$995.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$995.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$995.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$995.00
		Pre-Discount Extended Eligible Line Item Cost	= \$995.00

Recipients of Services

Ben	Name	Amount
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16533	Evergreen Elementary School	\$142.15
16534	Gateway Middle School	\$142.15
16536	University Park Elementary School	\$142.14
16542	Gateway High School	\$142.14
16543	Dr. Cleveland Steward Jr. Elementary	\$142.14
16544	Moss Side Middle School	\$142.14
16548	Ramsey Elementary School	\$142.14

[Line Item # 1699028058.018](#)

[Product and Service Details](#)

Type of Internal Connection Cabling/Co nnectors

Make Other

Is installation included in Price?No

Type of Product Cabling

Model 9806

Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.018](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$1.39
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$1.39
Monthly Quantity	x 0	One-time Quantity	x 640
Units	0	Total Eligible One-time Costs	= \$889.60
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$889.60
		Pre-Discout Extended Eligible Line Item Cost	= \$889.60

[Recipients of Services](#)

Ben	Name	Amount
16533	Evergreen Elementary School	\$127.09
16534	Gateway Middle School	\$127.09
16536	University Park Elementary School	\$127.09
16542	Gateway High School	\$127.09
16543	Dr. Cleveland Steward Jr. Elementary	\$127.08
16544	Moss Side Middle School	\$127.08
16548	Ramsey Elementary School	\$127.08

[Line Item # 1699028058.019](#)

[Product and Service Details](#)

Type of Internal Connection Cabling/Co nnectors

Make Other

Is installation included in Price?No

Type of Product Cabling

Model 9799

Is the hardware for this FRN line item leased?No

[Cost Calculation for FRN Line Item # 1699028058.019](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$1.72
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$1.72
Monthly Quantity	x 0	One-time Quantity	x 245
Units	0	Total Eligible One-time Costs	= \$421.40
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$421.40
		Pre-Discount Extended Eligible Line Item Cost	= \$421.40

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$60.20
16534	Gateway Middle School	\$60.20
16536	University Park Elementary School	\$60.20
16542	Gateway High School	\$60.20
16543	Dr. Cleveland Steward Jr. Elementary	\$60.20
16544	Moss Side Middle School	\$60.20
16548	Ramsey Elementary School	\$60.20

Line Item # 1699028058.020

Product and Service Details

Type of Internal Connection Cabling/Co nnectors

Make Other

Is installation included in Price?No

Type of Product Cabling

Model 9823

Is the hardware for this FRN lineNo
item leased?

Cost Calculation for FRN Line Item # 1699028058.020

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$2.83
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$2.83
Monthly Quantity	x 0	One-time Quantity	x 25
Units	0	Total Eligible One-time Costs	= \$70.75
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$70.75
		Pre-Discount Extended Eligible Line Item Cost	= \$70.75

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$10.11

16534	Gateway Middle School	\$10.11
16536	University Park Elementary School	\$10.11
16542	Gateway High School	\$10.11
16543	Dr. Cleveland Steward Jr. Elementary	\$10.11
16544	Moss Side Middle School	\$10.10
16548	Ramsey Elementary School	\$10.10

Line Item # 1699028058.021

Product and Service Details

Type of Internal Connection Cabling/Connectors

Make Other

Is installation included in Price?No

Type of Product Cabling

Model 9801

Is the hardware for this FRN line item leased?No

Cost Calculation for FRN Line Item # 1699028058.021

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$4.57
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$4.57
Monthly Quantity	x 0	One-time Quantity	x 15
Units	0	Total Eligible One-time Costs	= \$68.55
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$68.55
		Pre-Discount Extended Eligible Line Item Cost	= \$68.55

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$9.80
16534	Gateway Middle School	\$9.80
16536	University Park Elementary School	\$9.79
16542	Gateway High School	\$9.79
16543	Dr. Cleveland Steward Jr. Elementary	\$9.79
16544	Moss Side Middle School	\$9.79
16548	Ramsey Elementary School	\$9.79

Line Item # 1699028058.022

Product and Service Details

Type of Internal Connection Cabling/Connectors

Make Other

Is installation included in Price?No

Type of Product Cabling

Model 9827

Is the hardware for this FRN line item leased?No

Cost Calculation for FRN Line Item # 1699028058.022

Monthly Cost	One-Time Cost
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Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$7.55
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$7.55
Monthly Quantity	x 0	One-time Quantity	x 10
Units	0	Total Eligible One-time Costs	= \$75.50
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$75.50
		Pre-Discount Extended Eligible Line Item Cost	= \$75.50

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$10.79
16534	Gateway Middle School	\$10.79
16536	University Park Elementary School	\$10.79
16542	Gateway High School	\$10.79
16543	Dr. Cleveland Steward Jr. Elementary	\$10.78
16544	Moss Side Middle School	\$10.78
16548	Ramsey Elementary School	\$10.78

Line Item # 1699028058.023

Product and Service Details

Type of Internal Connection Cabling/Co nnectors
Make Other
Is installation included in Price?No

Type of Product Cabling
Model 8102
Is the hardware for this FRN line item leased?No

Cost Calculation for FRN Line Item # 1699028058.023

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$106.99
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$106.99
Monthly Quantity	x 0	One-time Quantity	x 60
Units	0	Total Eligible One-time Costs	= \$6,419.40
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$6,419.40
		Pre-Discount Extended Eligible Line Item Cost	= \$6,419.40

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$917.06
16534	Gateway Middle School	\$917.06

16536	University Park Elementary School	\$917.06
16542	Gateway High School	\$917.06
16543	Dr. Cleveland Steward Jr. Elementary	\$917.06
16544	Moss Side Middle School	\$917.05
16548	Ramsey Elementary School	\$917.05

[Line Item # 1699028058.024](#)

[Product and Service Details](#)

Type of Internal Connection	Cabling/Connectors	Type of Product	Cabling
Make	Other	Model	12733
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

[Cost Calculation for FRN Line Item # 1699028058.024](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$159.98
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$159.98
Monthly Quantity	x 0	One-time Quantity	x 20
Units	0	Total Eligible One-time Costs	= \$3,199.60
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$3,199.60
		Pre-Discount Extended Eligible Line Item Cost	= \$3,199.60

[Recipients of Services](#)

Ben	Name	Amount
16533	Evergreen Elementary School	\$457.09
16534	Gateway Middle School	\$457.09
16536	University Park Elementary School	\$457.09
16542	Gateway High School	\$457.09
16543	Dr. Cleveland Steward Jr. Elementary	\$457.08
16544	Moss Side Middle School	\$457.08
16548	Ramsey Elementary School	\$457.08

[Line Item # 1699028058.025](#)

[Product and Service Details](#)

Type of Internal Connection	Cabling/Connectors	Type of Product	Connectors
Make	Other	Model	5381
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

[Cost Calculation for FRN Line Item # 1699028058.025](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$1.51

Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$1.51
Monthly Quantity	x 0	One-time Quantity	x 300
Units	0	Total Eligible One-time Costs	= \$453.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$453.00
		Pre-Discout Extended Eligible Line Item Cost	= \$453.00

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$64.72
16534	Gateway Middle School	\$64.72
16536	University Park Elementary School	\$64.72
16542	Gateway High School	\$64.71
16543	Dr. Cleveland Steward Jr. Elementary	\$64.71
16544	Moss Side Middle School	\$64.71
16548	Ramsey Elementary School	\$64.71

Line Item # 1699028058.026

Product and Service Details

Type of Internal Connection	Cabling/Co nnectors	Type of Product	Connectors
Make	Other	Model	7301
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1699028058.026

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$10.92
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$10.92
Monthly Quantity	x 0	One-time Quantity	x 2
Units	0	Total Eligible One-time Costs	= \$21.84
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$21.84
		Pre-Discout Extended Eligible Line Item Cost	= \$21.84

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$3.12
16534	Gateway Middle School	\$3.12
16536	University Park Elementary School	\$3.12

16542	Gateway High School	\$3.12
16543	Dr. Cleveland Steward Jr. Elementary	\$3.12
16544	Moss Side Middle School	\$3.12
16548	Ramsey Elementary School	\$3.12

[Line Item # 1699028058.027](#)

[Product and Service Details](#)

Type of Internal Connection	Cabling/Connectors	Type of Product	Connectors
Make	Other	Model	7266
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

[Cost Calculation for FRN Line Item # 1699028058.027](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$7.98
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$7.98
Monthly Quantity	x 0	One-time Quantity	x 5
Units	0	Total Eligible One-time Costs	= \$39.90
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$39.90
		Pre-Discount Extended Eligible Line Item Cost	= \$39.90

[Recipients of Services](#)

Ben	Name	Amount
16533	Evergreen Elementary School	\$5.70
16534	Gateway Middle School	\$5.70
16536	University Park Elementary School	\$5.70
16542	Gateway High School	\$5.70
16543	Dr. Cleveland Steward Jr. Elementary	\$5.70
16544	Moss Side Middle School	\$5.70
16548	Ramsey Elementary School	\$5.70

[Line Item # 1699028058.028](#)

[Product and Service Details](#)

Type of Internal Connection	Cabling/Connectors	Type of Product	Cabling
Make	Other	Model	8STMMOM1
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

[Cost Calculation for FRN Line Item # 1699028058.028](#)

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$750.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00

Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$750.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$750.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$750.00
		Pre-Discout Extended Eligible Line Item Cost	= \$750.00

Recipients of Services

Ben	Name	Amount
16543	Dr. Cleveland Steward Jr. Elementary	\$750.00

Line Item # 1699028058.029

Product and Service Details

Type of Internal Connection Miscellaneous

Type of Product Installation, Activation, & Initial Configuration Shipping

Make Other

Model Is the hardware for this FRN line item leased? No

Is installation included in Price? No

Cost Calculation for FRN Line Item # 1699028058.029

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$700.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$700.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$700.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$700.00
		Pre-Discout Extended Eligible Line Item Cost	= \$700.00

Recipients of Services

Ben	Name	Amount
16533	Evergreen Elementary School	\$100.00
16534	Gateway Middle School	\$100.00
16536	University Park Elementary School	\$100.00
16542	Gateway High School	\$100.00
16543	Dr. Cleveland Steward Jr. Elementary	\$100.00
16544	Moss Side Middle School	\$100.00
16548	Ramsey Elementary School	\$100.00

FRN Calculation for FRN #1699028058 -Insight Systems Exchange

Monthly Charges		Total Requested Amount	
Total Monthly Recurring Charges	\$0.00	Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00	Total Eligible Pre-Discount One-Time Charges	+ \$221,388.48
Total Monthly Eligible Charges	= \$0.00	Total Pre-Discount Charges	= \$221,388.48
Total Number of Months of Service	x 12	Discount Rate	60%
Total Eligible Pre-Discount Recurring Charges	= \$0.00	Funding Commitment Request	= \$132,833.09
One-Time Charges			
Total One-Time Charges	\$221,388.48		
Total Ineligible One-Time Charges	- \$0.00		
Total Eligible Pre-Discount One-Time Charges	= \$221,388.48		

Connectivity Questions

District/System-wide Internet Access Questions

Does your school district currently aggregate Internet access for the entire district(as opposed to buying Internet access on a building-by-building basis)?

Yes

Download Speed	400.00	Download Speed Units	Mbps
Upload Speed	400.00	Upload Speed Units	Mbps

Per Entity Basis Questions

Entity Name	GATEWAY SCHOOL DISTRICT	Entity Number	125235
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Entity Name	BEN	Download	Units	Upload	Units	Connection	Wifi Sufficient	Barriers to Robust Network
Evergreen Elementary School	16533	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers
Gateway Middle School	16534	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers
University Park Elementary School	16536	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers
Gateway High School	16542	3.00	Gbps	3.00	Gbps	Fiber	Mostly	No barriers
Dr. Cleveland Steward Jr. Elementary	16543	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers
Moss Side Middle School	16544	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers
Ramsey Elementary School	16548	10.00	Gbps	10.00	Gbps	Fiber	Mostly	No barriers

Certifications

I certify that the entities listed in this application are eligible for support because they are 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.

I certify that the entity I represent or the entities listed on this application have secured 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 the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

Summary	
Total funding year pre-discount eligible amount on this FCC Form 471	\$221,388.48
Total funding commitment request amount on this FCC Form 471	\$132,833.09
Total applicant non-discount share of the eligible amount	\$88,555.39
Total budgeted amount allocated to resources not eligible for E-rate support	\$10,497.75
Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts	\$99,053.14
Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?	No
Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share?	No

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

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 application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), 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 certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

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 acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can 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 and civil violations of the False Claims Act.

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 will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

NOTICE

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. 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 application requirements for universal service discounts contained in 47 C.F.R. § 54.504. 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 we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application 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 in your application for universal service discounts 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, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide 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 the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. 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 4.5 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

Name:	Michael Brown
Title:	Director of Technology
Employer:	Michael Brown
Address:	9000 GATEWAY CAMPUS BLVD MONROEVILLE PA 15146-3307
Phone:	412-670-5190
Email:	mbrown@gatewayk12.org

Certified Timestamp

05-Apr-2016 12:26:34 EDT

Exhibit 2

Gateway School District
REQUEST FOR PROPOSAL
INTERNAL CONNECTIONS EQUIPMENT AND/OR SERVICES and RELATED MAINTENANCE

Response Deadline: February 1st, 2015 AT NOON E.S.T.

1.0 INTRODUCTION

- 1.1 Gateway School District issues this Request for Proposals ("RFP") for Firewall, Wireless, and LAN connectivity. The District intends to apply for discounts on the equipment/services listed in this RFP through the federal E-rate program. Several criteria and restrictions pertinent to the E-rate program are included herein and must be met by the successful vendor in order for the proposal to be considered a Qualified Proposal.

1.2 **Issuing Officer and Technical Contact For Questions and Information**

Michael Brown
Director of Technology
Gateway School District
mbrown@gatewayk12.org
412-357-5617

Prospective Vendors must direct and confine all inquiries and communications concerning this procurement to the Issuing Officer and correspondence should be made via e-mail. Although there is no due date for questions, the District encourages prospective Vendors to submit any questions they may have as soon as possible. Questions should include "E-rate Network Equipment RFP" in the subject line to ensure that the issuing officer identifies the email as relating to this procurement.

If the RFP was downloaded from a web site link, Vendors are responsible for periodically monitoring the web site for any updates relating to this RFP.

- 1.3 One complete hard copy must be delivered to the Gateway School District Business Office, at 9000 Gateway Campus Blvd, Monroeville, PA, 15146 on or before noon E.S.T. on 2/1/2016. In addition, an electronic copy must be e-mailed to the Issuing Officer on or before noon E.S.T. on 2/1/2016. Both copies must be identical and be labeled, "E-rate Network Equipment Proposal." All required Vendor information, certifications and attachments must be included with the proposal.

District intends to select the successful Vendor and have the final contract presented to the school board no later than its March 2016 meeting.

- 1.4 The District will review the proposals for compliance with the procedural requirements set forth in Section 5 and may reject any proposal that materially fails to comply.

The District reserves the right to ask clarifying questions of Vendors and to request best and final offers upon review of initial proposals. The price of E-rate eligible services will be most heavily weighted in the review of proposals.

1.5 The successful bidder(s) will be advised of selection by the Issuing Officer through the issuance of a notification of intention to recommend award via email. Any notification of the selection of the successful bidder shall have no legal effect unless and until the parties negotiate a mutually acceptable agreement that is approved by the school board. Unsuccessful bidders also will be notified via email.

1.6 All personnel (contractors and subcontractors) that will be working on this project in the schools must observe all security and safety procedures of each school facility and must secure all record checks required by Pennsylvania law which include Act 34 Criminal Record Check, Act 151 Fingerprints, Act 114 Child Abuse History Clearance.

On-site work at the school sites cannot commence until the provider has obtained all relevant certifications, licenses, permits and/or required qualifications for its workers and has presented required documentation for the personnel to work in the District's locations.

1.7 The District is exempt from Pennsylvania Sales and Use Tax and has other federal and state tax exemptions afforded to public school entities and/or similar political subdivisions. This notice shall serve to satisfy any notification required by the provider as to these tax exemptions. Vendors must ensure that their cost proposals specifically include all applicable taxes, fees and surcharges from which the District is not exempt or that is imposed or assessed by Vendor, as required in Appendix A.

1.8 Reasons for Disqualification of Proposals

If any of the following conditions occur, Vendor's proposal is automatically disqualified from being evaluated.

1.8.1 Vendor's proposal is submitted after proposals have been opened and reviewed by the District.

1.8.2 Vendor is on Red Light Status with the FCC or is delinquent on a debt to a state or federal governmental agency or entity.

1.8.3 Vendor is not authorized to do business in Pennsylvania.

1.8.4 Vendor has not been in business for at least 5 years performing services or furnishing equipment required in the bid.

1.8.5 Vendor does not have an E-rate SPIN number.

1.8.6 Vendor cannot provide all equipment and services listed in Appendix A unless otherwise noted in this RFP that separate contracts may be awarded for subsets of equipment and/or services.

2.0 SCOPE OF SERVICES REQUESTED IN THIS REQUEST FOR PROPOSAL

Equipment Purchase and Equipment Warranties

- 2.1 Included in this proposal is Appendix A which itemizes the quantity, model and description of each component or service included in this procurement. Proposals must include Appendix A, completed in the exact format as Appendix A with all required information, showing per unit prices and percentage of E-rate eligibility for each component.
- 2.2 An equipment manufacturer and product number may be listed in Appendix A, but the District will consider proposals for equipment manufactured by other companies that is equivalent to the quality and functionality of the Appendix A list and is compatible, as well as interoperable, with the District's existing network equipment that is listed in Appendix A. Should a Vendor wish to include equipment manufactured by a different company, they should add three new columns to Appendix A to the right of the original equipment name, showing alternative equipment name, manufacturer and part number. Vendors that propose other manufacturer's products are required to submit project specifications and document that the equipment is compatible and interoperable with the District's existing equipment.
- 2.3 Proposals must include a description of the manufacturer's equipment warranty for each component listed in Appendix A in the appropriate column. Descriptions should be specific and include the number of years covered by the warranty. E-rate rules allow for a 3-year manufacturer's warranty to be included as long as the costs are bundled with the cost of the equipment and not broken out separately.
- 2.4 Appendix A also may request pricing on separate basic maintenance services which should have a separate cost.
- 2.5 Proposals are requested that are preferred turn-key, comprehensive solution that addresses all requirements set forth in Appendix A.
- 2.6 Subcontractors must be identified in the proposal. If the successful Vendor would like to use additional subcontractors that were not identified in the proposal/contract, specific approval must be granted in writing by the District.
- 2.7 Prices quoted must include the cost for all normal operating and reference manuals and all connecting cables required for installation of the equipment. Power cords shall be included in the cost of the equipment.
- 2.8 Equipment must be dropped shipped from manufacturer distribution warehouse to 3000 Gateway Campus Blvd, Monroeville, PA, 15146

3.0 E-RATE REQUIREMENTS

Vendors submitting proposals under this RFP must agree to meet the following conditions relating to the E-rate program and be willing to include such requirements in the Vendor's contract:

- 3.1 Vendor must agree to submit to the SLD a completed Form 473 prior to July 1 of each calendar year. This form is available on the SLD's website at www.usac.org/sl in the Forms section.

- 3.2 Discounted Bills: Should the District so choose, Vendor must agree to provide discounted bills to District which reflect the net charges due to the District after E-rate discounts have been reflected (also known as the “non-discount” amount). The Vendor will then invoice USAC using the Form 474 SPI form for the E-rate discount amount. Vendor shall be solely responsible for timely filing invoices with USAC. Accordingly, Vendor understands and agrees that District will NOT be liable to Vendor and Vendor shall have no recourse against the District for any discounted amount that Vendor submits late to USAC for payment, if USAC refuses to pay the invoice due to late filing. Further, Vendor understands and agrees that District shall not be liable to Vendor and Vendor shall have no recourse against the District for any discounted amount that Vendor submits to USAC for payment if Vendor is at fault for USAC’s refusal to pay. If the District’s actions or failure to act are responsible for the non-payment of the Vendor’s invoice with USAC, the District shall not be liable to Vendor and Vendor shall have no recourse against the District for the amount at issue until both the District and the Vendor have exhausted their administrative remedies of appeal to USAC and/or the FCC.
- 3.3 Reimbursement Option: Should District choose to pay for any equipment or services in full, Vendor must agree to promptly process the District’s E-rate reimbursement forms that the District will submit to the SLD in order to receive the E-rate funds. Vendor also must agree that upon its receipt of District’s E-rate reimbursement, Vendor will, in turn, remit full E-rate reimbursement to the District. This procedure is required because the SLD does not permit the E-rate reimbursement check to be mailed directly to the District for FY 2015.
- 3.4 Vendor must separately itemize the cost of E-rate eligible and ineligible products and/or services on all invoices. To determine what items are eligible, vendor must contact the equipment manufacturer or contact USAC at 888-203-8100.
- 3.5 If Vendor learns of any federal, state or local investigation conducted by any regulatory authority or law enforcement authority that could have an adverse impact on the District’s ability to continue to receive the benefit of E-rate funding, Vendor must notify the District within 30 calendar days of learning of such investigation. The District reserves the right to cancel the agreement without penalty if the investigation impedes the District’s ability in any way to receive the benefit of E-rate funding, subject to any investigation of wrongdoing.
- 3.6 Vendor shall maintain all bids, quotes, records, correspondence, receipts, vouchers, delivery information, memoranda and other data relating to Vendor’s services and any subcontractors to the District. All such records shall be retained for 10 years following completion of services and/or installation of equipment, and shall be subject to inspection and audit by the District.
- 3.7 In addition to the foregoing, Vendor must maintain and enforce an internal E-rate audit process that ensures that Vendor complies with all E-rate program rules and regulations. This process must include the following:
- Where labor is involved, maintaining detailed, signed individual timesheets
 - Ensuring that ineligible charges are not submitted to USAC
 - Invoicing to USAC that is consistent with the contract and the District’s Form 471
 - Ensuring that services or products are not provided to the District without District’s express written permission or official purchase authorization
 - Ensuring that District-approved substitute services or products are prominently noted on invoices submitted to USAC and the District
 - When E-rate eligible services or equipment are allocated or installed in multiple buildings, support for the allocation consistent with the amount and buildings identified in the Form 471
 - Documenting that E-rate funded services were provided within the allowable contract period and program year

- Charging proper FRN(s)
- Ensuring that invoices and USAC forms are submitted to the District in a timely manner
- Ensuring that USAC forms are filled out completely, accurately and on time
- Ensuring that Forms 472 are signed/dated by vendor's representative in a timely manner
- Maintaining fixed asset list of E-rate-supported equipment provided to the District with detailed information for each item (model number, serial number, product description) and made available to the District in electronic format upon project completion.

4.0 CONDITIONS, CONTRACT and BILLING

4.1 The District reserves the right to:

- Amend, modify, cancel this RFP or not award any contract;
- Modify or add to the requirements contained in this RFP at any time after the issuance of this RFP for compliance by all providers;
- Increase or decrease the quantities of equipment at the same price listed in the successful contract; or entirely omit an item or group of items to be purchased to reflect actual District needs at the time that orders are placed. Such additional quantities will be purchased at the price indicated on the contract. Such modifications are expressly anticipated and included within the scope of this RFP.
- District intends to award a single contract for all equipment/services in Appendix A; however the District reserves the right to award a contract for any or all parts of the RFP to one or more service providers.
- Negotiate terms and conditions to meet requirements consistent with this RFP;
- Request providers to clarify their RFP proposals;

4.2 Timeline for Purchase of Equipment

The purchase of equipment will be contingent upon E-rate approval and a Notice to Proceed or Purchase Order by the District after E-rate approval has been received.

4.3 Equipment Substitution

If the model specified in the contract is discontinued by the manufacturer after the award of this contract, the only acceptable substitute will be the manufacturer's standard replacement in a configuration that meets or exceeds the specifications and operating capabilities of the "as specified" unit. Further, the substituted equipment must be able to meet the FCC's Service Substitution Criteria. The Proposer must agree to cooperate with the District to provide the information necessary to obtain SLD's approval of a service substitution request.

4.4 **Lowest Corresponding Price**

Per FCC rules, vendors must offer the Lowest Corresponding Price when submitting proposals. Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to nonresidential customers who are similarly situated to a particular E-rate applicant (school, library, or consortium) for similar services. See 47 CFR, Part 54, Section 54.500(f). Service providers cannot charge E-rate applicants a price above the LCP for E-rate services. See 47 CFR Section 54.511(b). There is a rebuttable presumption that rates offered within the previous 3 years are still compensatory.

4.5 The District reserves the right to extend or abbreviate the contract period if such extension or abbreviation is necessary to make the Contract term coincide with an E-rate “program year” or an extended service end date for an E-rate program year pursuant to a “service delivery deadline extension,” as those terms are defined by the Federal Communications Commission and/or USAC.

4.6 Vendor shall itemize, price, and invoice separately any materials or services that are ineligible for E-rate funding. Vendor must include the following information on all invoices to the District for E-rate eligible equipment and/or services:

- Date of invoice
- Date(s) of service
- Funding Request Number (“FRN”)
- Vendor SPIN
- Detailed description of services performed and materials supplied that matches District’s contract specifications and Form 471 descriptions of same
- Clear, concise breakdown of amount(s) to be billed to USAC (discounted portion of eligible charges) and amount(s) to be billed to the District (non-discounted amount of eligible charges)
- Invoice on Vendor’s letterhead or on a Vendor-generated form
- Proper E-rate discount percentage as set forth by the applicable FRN and USAC funding commitment decision letter (“FCDL”)

5.0 **INFORMATION TO BE INCLUDED IN PROPOSAL**

In addition to the other information required to be provided, Vendor also will include with their proposal responses to the following questions:

- 5.1 Provide a description of the nature and scope of your firm’s business endeavors, including history of company.
- 5.2 Provide a description of your firm’s previous and ongoing relationship, if any, with the District.
- 5.3 Provide proof that the Vendor and all subcontractors are authorized to do business in Pennsylvania.
- 5.4 Provide the names and contact information of at least 5 current Pennsylvania K-12 clients of similar size to the District that can attest to the quality of work provided by your company using or procuring similar goods and/or services as requested in this RFP.
- 5.5 Provide a description of the firm’s experience with the federal E-rate program.
- 5.6 Provide federal Tax ID Number, E-rate SPIN Number, and FCC Registration Number (FCCRN).
- 5.7 Provide certification that the Vendor currently is not subject to the Red Light Rule and will notify the

District if they are placed on Red Light Status with the FCC. Further, provide a certification that the Vendor's principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation, by any Federal department or agency, from transactions involving the use of Federal funds. Where Vendor is unable to certify to any of the Statements in this certification, Vendor shall attach an explanation to their offer.

- 5.8 Provide contact name and contact information for person authorized to negotiate terms and conditions.
- 5.9 Provide contact name and contact information where questions related to the proposal can be directed with statement certifying that this person (or his/her authorized representative) will be available in January 2015 – April 2015 in order to assist with the completion of the District's E-rate applications, as requested.
- 5.10 Provide copy of terms and conditions for proposed contract.
- 5.11 **Pennsylvania Right-to-Know Law**

Vendor is required to clearly identify any specific information that they deem as proprietary and request to be withheld from public view. Vendor must provide one copy of its redacted proposal with all proprietary information omitted. District intends to comply with the Pennsylvania Right to Know law concerning requests for release of documents regarding this procurement, including the release of proposals after bid opening. Per E-rate regulations, price of winning bid is not confidential information.

6.0 EVALUATION

In accordance with applicable state law, 24 P.S. Section 8-807.1, the District is required to select the proposal of the "lowest responsible bidder" in the event that the District decides to award a contract.

In order for a bidder to be eligible to be considered a "responsible" bidder, the bidder must comply with the following:

- 6.1 Submit a timely proposal and not be disqualified under Section 1.8.
- 6.2 The proposal must include all of the required information in Section 5.
- 6.3 Information submitted in response to Section 5.5 must confirm the bidder is familiar with and experienced with the federal E-rate program.
- 6.4 Bidder must indicate their willingness to be bound by the terms of the RFP.
- 6.5 A bidder that opts to submit a proposal for an alternative manufacturer has submitted required documentation that satisfies the requirements of Section 2.2.

APPENDIX A

LIST OF EQUIPMENT AND SERVICES

All applicable taxes, fees, shipping and surcharges from which the District is not exempt or that is imposed or assessed by Vendor must be shown below or they will not be paid by the District.

Compatibility: Although functionally equivalent may be submitted for consideration, the equipment listed below must be interoperable and compatible with the District's existing equipment and protocols which are as follows:

DATA PROVIDED BY DISTRICT				DATA PROVIDED BY VENDOR			
Equipment Description	Manufacturer	Part #	Estimated Quantity	Unit Cost	Extended Cost	Warranty Information	% E-rate Eligibility
Edge Switch	HP	2920-48G-POE+	10				
Building Core Switch	HP	3800-48G-PoE+-4SFP+	6				
District Core Switch Blade	HP	J9536A	4				
Classroom WAPs	Ruckus	R500	299				
Office WAPs	Ruckus	R500	10				
Outdoor WAPs	Ruckus	T300	7				
Large WAPs	Ruckus	R700	19				
Wireless Controller	Ruckus	Zone Director 3000	2				
Firewall	Dell	Sonicwall NSA 6600	2				
UPS	APC	SMX1500RM2UNC	6				
TOTALS				\$	\$		

Wireless Infrastructure

1. All WAPs must be dual radio (2.4/5Ghz).
2. All WAPs must support 802.11g, 802.11a, 802.11n, and 802.11ac Wave 2
3. Must support centralized management and control but traffic can be distributed.
4. Must support WPA2 Enterprise with AES encryption with an external RADIUS server providing authentication and authorization.
5. Must support RADIUS attributes controlling VLAN and other network policy assignments
6. System must support sending RADIUS accounting messages to external devices such as a firewall including IP address
7. Each classroom and office WAP should support at least 100 users
8. Large Areas and outdoor WAPs should support at least 400 users but preferably more.
9. Office and classroom WAPs should support both ceiling, wall, and desktop placement
10. All hardware must be supported for 5 years
11. WAPs should include an Ethernet pass-through port. The pass through port does not need to pass through POE power.
12. Vendor must be able to make their hardware available for at least 30 days to demo and test equipment in actual environment. This should include at least 3 classroom WPAs, 1 higher capacity WAP, and controller if applicable.
13. Provide patch cables for all proposed access points
 - a. 95% of patch cables for closets must be equivalent to Monoprice 9806 in Red
 - b. 5% of patch cables for closet must be equivalent to Monoprice 9799 in Red
 - c. Patch cables for classrooms and offices must be equivalent to the following
 - i. 14': Monoprice 9823 in Black
 - ii. 25': Monoprice 9801 in Black
 - iii. 50': Monoprice 9827 in Black
14. Considerations for cloud wireless
 - a. Proposal must include at least 5 years of licenses
 - b. Wireless must remain functional after an internet outage of 1 hour or more. This includes new and never seen before clients being able to authenticate utilizing an on-premises radius server and be able to pass traffic. The WAPs should also be able to power cycled while disconnected from the internet and still function.
 - c. Should provide options for licenses for over 5 years
15. Provide options for installation services including the following
 - a. Repair of damaged network jacks (majority of jacks are in good working order)
 - b. Run new cables to all outdoor access points
 - c. Installation of all access points

WiFi Area breakdown

Offices WAPs should be broken down separately from other WAPs

School	Classrooms	Offices WAPs	Large Areas	Outdoor
GHS 1 st	49	4	6	3
GHS 2 nd	46	0	2	0
GHS Locker rooms	8	0	0	0

GMS	52	2	5	1
Admin	0	5	0	0
MSMS	47	4	2	2
CSE	25	1	1	1
Evergreen	23	1	1	0
Ramsey	26	3	1	0
University Park	23	1	1	0

LAN Infrastructure

1. Additional switches must be compatible and stackable with existing switches unless otherwise noted.
2. If stacking with existing switches is not possible a proposal for replacing switches all switches in the district will be required. The total cost of replacing all the switches will need to take into account the potential resale value of the switches, new hardware costs, as well as installation services.
3. All ports will need to support POE+
4. Provide 5 stacking modules and 1m stacking cables for 2920-48G-POE+ series switches
5. New internal fiber will need to be run from the CSE Core switch to CSE Old Hall switch and terminate into patch panel.
6. Provide SFP+ module and 2 HP compatible SFP+ single mode optical modules
7. Switch support must be at least 5 years including hardware replacement
8. Cloud managed switches but be licensed for at least 10 Years
9. Include 30 boxes of 1000' CAT6
10. Include 5 2U rack mountable 1500VA UPS with networked management cards

Switch breakdown

Note: Number of switch switches may vary in final proposal depending on power requirement of WAPs.

Building	Location	Current Switches	Additional ports needed	Notes
GHS	Kitchen	2x 2920-48G-POE+	48	
GHS	120	2x 2920-48G-POE+		
GHS	123	1x 2920-48G-POE+		
GHS	100 Hall	1x 2920-48G-POE+		
GHS	Office	2x 2920-48G-POE+		
GHS	Pool	1x 2920-48G-POE+		
GHS	217	2x 2920-48G-POE+	48	
GHS	2200	1x 2920-48G-POE+		
GHS	2210	1x 2920-48G-POE+	48	
GHS	Music	1x 2920-48G-POE+		
GHS	MCC	1x 2920-48G-POE+		
GHS	Library	1x 2920-48G-POE+ 3x OmniStack LS 6200		

GHS	Basement	8212zl	48	
GHS	Pressbox	1x PowerConnect 3548	48	Replacing existing switch with POE+
GHS	GHS MDF	HP 8206zl	20	Can be combined with SFP+ module
GMS	Office	1x 3800-24SFP-2SFP+ 1x 3800-48G-PoE+-4SFP+	48	
GMS	100 Hall	2x 2920-48G-POE+	48	
GMS	200 Hall	2x 2920-48G-POE+	48	
GMS	Science	1x 2920-48G-POE+	48	
MSMS	Core	3x 3800-48G-PoE+-4SFP+	48	
MSMS	Office	2x 2920-48G-POE+	48	
MSMS	Lab	3x 2920-48G-POE+		
MSMS	Admin	1x 2920-48G-POE+		
MSMS	Garage	1x 2920-48G-POE+		
EV	Core	1x 3800-24G-PoE+-2SFP+ 1x 3800-48G-PoE+-4SFP+ 3x PowerConnect 3548	48	
EV	Lab	1x 2920-48G-POE+		
CSE	Core	2x 3800-48G-PoE+-4SFP+	48	
CSE	Basement	Unknown		
CSE	Old Hall	1x 2920-48G-POE+	48	
CSE	Library	1x 2920-48G-POE+	48	
UP	Core	3x 3800-48G-PoE+-4SFP+	48	
UP	Lab	1x 2920-48G-POE+		
Ramsey	Core	2x 3800-48G-PoE+-4SFP+	48	
Ramsey	Lab	2x 2920-48G-POE+		

Firewall

Firewall must meet or exceed all the below requirements.

1. Firewall Must be capable of passing statefull and next generation firewall traffic of up 10Gbps
2. Firewall Must accept SFP+ modules and SFP+ Direct connections
3. Firewall Must accept 10Gbe copper connections
4. Firewall Must be able to be configured in a hardware redundant configuration as in an Active/Active or Active/Passive setup
 - a. Pricing for redundant unit must be broken down separately from primary firewall
5. Firewall must support load balancing and failover between multiple internet connections.
6. Firewall failover must be able to probe internet based devices to check for connectivity and not simply if a link is up or down.
7. Firewall must be able to provide VPN using L2TP, IPSEC and IKE for site to site and client VPN connections.
8. Firewall must provide at least basic reporting of traffic and network flows
9. Firewall must provide syslog logging of network traffic and system messages
10. Firewall must support QoS and traffic shaping.

11. Firewall must support at least 10,000 devices and 200,000 connections
12. Support and maintenance must be possible for at least 5 years however only 3 years needs to be included as part of the initial purchase.
13. Firewall must either support CIPA compliant web and content filtering directly on the unit or provide a proposal of separate solution.
 - a. Prices for content filtering must be broken down separately from firewall
 - b. Maintenance for the content filter should mirror firewall maintenance cycles as close as possible
 - c. Content filter must be capable of passing traffic over 1Gbps
 - d. Content filter must not rely on proxy configurations on client devices to function properly
 - e. Should provide options for off campus filtering of network devices
14. Firewall and content filter must support per-user and per-device type policies.
15. Firewall and content filter must be able to authenticate users through Radius accounting messages sent from a wireless controller (SSO).
16. Firewall and content filter must provide a web interface for management

Exhibit 3

	Initial Cost	Long term costs	Met requirements	Prior Experience	Other Features	Total
Netech	5	3	0	3	5	16
Insight	3	4	5	5	3	20
Advent	2	2	5	3	5	17
All Covered	2	2	5	4	4	17
AEC Group	0	0	3	3	5	11
Advizex	0	0	3	4	5	12
Xtel	2	4	5	3	3	17
Connectivity Communications	0	0	0	3	3	6

Exhibit 4

FRN	FRN Status	471 Application Number	BEN	Billed Entity Name	Applicant City	Applicant State	471 Consulting Firm Name	Service Provider Name	Fund Year	Orig Funding Request	Cmt'd Funding Request	Orig FRN Service Type	Wave Number	FCDL Date	FCDL Comment for 471 Application	FCDL Comment for FRN
1699028058	Denied	161015430	125235	GATEWAY SCHOOL DISTRICT	MONROEVILLE	PA		Insight Systems Exchange	2016	\$132,833.09	\$0.00	Internal Connections	31	1/27/2017	MR1:The applicant did not submit any RAL corrections.	DR1:No contract or legally binding agreement was in place when the FCC Form 471 Certification was filed. FCC Rules require that a contract be signed and dated by the applicant or a legally binding agreement is entered into prior to the filing of the FCC Form 471 Certification for the products and services requested. Since this requirement was not met, the FRN is denied.

Exhibit 5

October 2016

Eligibility of Products and Services

Issue

USAC's Program Integrity Assurance (PIA) team is currently reviewing your FCC Form 471 application, and we have identified an issue that we need you to help us resolve. What is the issue? On your form, you requested funding for products and services that are ineligible to receive E-rate funding. This is an issue because before we can proceed with processing your form, we must remove the requested for ineligible service requests and the cost associated with each from Funding Request Number (FRN) 1699028058. (For reference, see USAC's information on cost allocation standards.) Here are the specific ineligible products and services, along with their associated costs, which PIA will remove from your application:

Grid

Ineligible Products and services

45% of Dell NSA 6600 (Secure Upgrade Plus - 3Yr)

Please read all of the questions, descriptions, and requests below. Provide responses that most accurately reflect the status of the products and services listed above. Please give enough detail, insight, and clarity to help the reviewers fully understand your specific situation. Check the boxes for statements that apply, and where applicable, type the information requested into the text boxes. If your information is too detailed for the text box, or if you need to provide additional documentation, click "Browse" to upload relevant files or documentation.

Question(s)

This page will timeout after an extended period of inactivity. Please periodically save your work using the 'Save & Close' button below. You may then use your browser's 'Back' button to return to your work.

Your response to PIA's questions:

#	Question	Response
1	The products and services are eligible. If you disagree with our determination, please provide third-party documentation that demonstrates that the products and services are eligible for E-rate funding.	Inquiry.zip
2	Please confirm if you agree with the cost allocation.	NoNo
a	If Yes, you have no further questions.	---
b	If No, please provide the information requested for the appropriate options listed below: Alternative Cost Allocation Please upload an alternative cost allocation method or formula for the ineligible items. Note: Failure to remove the ineligibles may result in the denial of the funding request, in accordance with the 30 percent rule.	---
	Splitting the FRN and Creating a New FRN	<input type="checkbox"/> Please remove the cost allocation listed above from this FRN and place it in a new FRN.
2	If you would like to provide any additional information about these issues that have not been addressed above: Use the text box to type information, or upload additional documentation using the "Browse" button.	I have put a more detailed description in the "Alternative Cost Allo

Exhibit 6

BEN	BEN Name	Post-Commitment Request Type	Post-Commitment Application/ Request Number	FRN	Post-Commitment Decision (FRN Level)	Post-Commitment Rationale (FRN Level)	Original FRN Funding Decision	Revised FRN Funding Decision	RFCDL Comments (FRN Level)	FCC Form 471	Service Type	Establishing FCC Form 471	SPIN	Service Provider	Contract Number	Account Number (for SPIN)	Service Start Date	Contract Expiration Date (Original)	Contract Award Date	Contract Expiration Date (After Extension Exercised)	Months Of Service to Funding Year	Total Eligible Recurring Charges	Total Eligible One Time Charges	Total Pre-Discout Charges	Discount Rate	Revised Commitment Amount	Invoice Deadline Date	Wave Number	Service Delivery Deadline	Consultant Name	CRN	Consultant Employer Name		
125239	GATEWAY SCHOOL DISTRICT	Appeals	34893	1699028058	Denied	<p>Your appeal has brought forward persuasive information that the appealed decisions should be overturned. However, USAC will be unable to provide funding for your request for the following reason(s):</p> <p>FCC rules require that, in order to determine the most cost effective provider, that the price of the eligible products and services must be weighted the most heavily in your bid evaluation. You included the value of ineligible products and services in your price factor. Other cost factors can be included in your bid evaluation, but these factors cannot have a weighting equal to or more than the cost of the eligible products and services. Since the price of the eligible products and services alone was not weighted the greatest, you violated the competitive bidding program rules.</p> <p>The vendor selection documentation created during the bid evaluation period did not clearly demonstrate that the price of eligible products and services was primary evaluation factor considered in selecting the winning service provider's proposal.</p> <p>FCC rules require that applicants select the most cost-effective products and/or services offering with price being the primary factor. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. See 47 C.F.R. sec. 54.511(a); also, Request for Review of the Decision of the Universal Service Administrator by Ysleta Independent School District, El Paso, Texas, et al., Federal-State Joint Board on Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., SLD Nos. 321479, et al., CC Docket Nos. 96-45, 97-21, Order, 19 FCC Rod 26407, 26429, FCC 03-313 para. 50 (rel. Dec. 8, 2003). Ineligible products and services may not be factored into the cost-effective evaluation. See Common Carrier Bureau Reiterates Services Eligible for Discounts to Schools and Libraries, CC Docket No. 96-45, Public Notice, 13 FCC Rod 16570, DA 98-1110 (rel. Jun. 11, 1998).</p>	Denied	Denied		161015430	Internal Connectors	160012764	143044109	Height Systems Exchange	PRP-38290-XLS	GAT01	01-Jul-2016	30-Jun-2017	15-Mar-2016		12	\$0.00	\$221,388.48	\$221,388.48	60.00%	\$0.00		41	30-Sep-2017					

Exhibit 7

December 2017

Competitive Bidding

Issue

FY2016 Application 161015430 FRN 1699028058 will be denied because price of eligible products and services was not the primary factor of the eligible products and services in your vendor selection process. Program rules require that applicants must select the most cost-effective provider of the desired products and services eligible for support, with price of eligible products and services as the primary evaluation factor. Since you did not meet this requirement, this FRN must be denied. For additional guidance on vendor selection, please refer to the USAC website at <http://www.usac.org/sl/applicants/step02/evaluation.aspx> . If the FRN should not be denied and you have alternative information, please provide the supporting documentation. Please note that such documentation must be dated on or before the close of the FCC Form 471 filing window in order for USAC to consider it. If you would like to provide any additional explanation to support your position, type your explanation and attach the explanation and/or documentation into your response by using the Add Document button. If you agree with the proposed action, click the “Submit” button to clear this item from your Pending Inquiries.

Issue FY2016 Application 161015430 FRN 1699028058 will be denied due to a competitive bidding violation described below. According to the records you provided, bids were received from Netch, Insight, Advent, All Covered, AEC Group, Advizex, Xtel and Concord. When evaluating price of each proposal, it appears that you were comparing the total cost of the proposals along with ineligible costs such as training costs and implementation and not just the cost of the eligible amounts. FCC rules require applicants to carefully consider all bid solutions and choose the most cost effective solution with price of the eligible products and services being the highest weighted factor in the bid evaluation process. The cost of ineligible products and services can be included in the bid evaluation matrix as long as it is a separate factor and is not included with the eligible portion of the products and services as the primary factor. Because you included the cost of ineligible products and services in your evaluation of the price of each proposal, funding will be denied. For additional guidance on vendor selection, please refer to the USAC website at <http://www.usac.org/sl/applicants/step02/evaluation.aspx> . If the FRN should not be denied and you have alternative information, please provide the supporting documentation. If you would like to provide any additional explanation to support your position, type your explanation and attach the explanation and/or documentation into your response by using the Add Document button. If you agree with the proposed action, click the “Submit” button to clear this item from your Pending Inquiries.

Exhibit 8



Insight Systems Exchange

An Insight Investments' Company

Account Name	Proposal Number	Date
Gateway School District (GAT01)	PRP-38982-M3V4	1/28/2016

Rep Contact Info:

Dawn Luxon
Account Executive
Insight Systems Exchange
7012 Belgrave Ave
Garden Grove, CA 92841
Phone:(773) 444-0256
Fax:(773) 304-2526

dluxon@insightinvestments.com

Bill To:

Attn: Miko Brown
Gateway School District
2609 Mosside Blvd
Monroeville, PA 15146
Phone: (412) 373-5897

mbrown@gatewayk12.org

Remit To:

Insight Investments, LLC
Accounts Receivable
611 Anton Blvd, Ste 700
Costa Mesa, CA 92626

Qty	Mfr	Description	Limited Warranty	Unit Price	Ext Price
1	Ruckus	<p>WIFI Area breakdown School GHS 1st Classrooms 49 Offices WAPs 4 Large Areas 6 Outdoor 3</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 25 x \$575.56 = \$14,389.00</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 2 x \$575.56 =\$1151.12</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 3 x \$575.56 =\$1726.68</p> <p>Outdoor - ZoneFlex T300, omni, outdoor access point, 802.11ac 2x2:2 internal BeamFlex+, dual band concurrent, one ethernet port, PoE input, includes mounting bracket and one year warranty. Does not include PoE injector. 3 x \$575.56 =\$1726.68</p>	Full Manufacturer's Warranty	\$18,993.48	\$18,993.48

1	Ruckus	<p>School GHS 2nd classrooms 46 Office WAP's 0 Large Areas 2 Outdoor 0</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 23 x \$575.56 = \$13,237,88</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$13,813.44	\$13,813.44
1	Ruckus	<p>School GHS Locker rooms classrooms 8 Office WAP's 0 Large Areas 0 Outdoor 0</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 4 x \$575.56 = \$2302.24</p>	Full Manufacturer's Warranty	\$2,302.24	\$2,302.24

1	Ruckus	<p>School GMS classrooms 52 Office WAP's 2 Large Areas 5 Outdoor 1</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 26 x \$575.56 = \$14,956.76</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 1x \$575.56 = \$575.56</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 5 x \$575.56 = \$2877.80</p> <p>Outdoor - ZoneFlex T300, omni, outdoor access point, 802.11ac 2x2:2 internal BeamFlex+, dual band concurrent, one ethernet port, PoE input, includes mounting bracket and one year warranty. Does not include PoE injector. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$18,985.68	\$18,985.68
1	Ruckus	<p>School Admin classrooms 0 Office WAP's 5 Large Areas 0 Outdoor 0</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 3 x \$575.56 = \$1726.68</p>	Full Manufacturer's Warranty	\$1,726.68	\$1,726.68

1	Ruckus	<p>School MSMS classrooms 47 Office WAP's 4 Large Areas 2 Outdoor 2</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 24 x \$575.56 = \$13,813.44</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 2 x \$575.56 = \$1151.12</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 2 x \$575.56 = \$1151.12</p> <p>Outdoor - ZoneFlex T300, omni, outdoor access point, 802.11ac 2x2:2 internal BeamFlex+, dual band concurrent, one ethernet port, PoE input, includes mounting bracket and one year warranty. Does not include PoE injector. 2 x \$575.56 = \$1151.12</p>	Full Manufacturer's Warranty	\$17,266.80	\$17,266.80
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1	Ruckus	<p>School CSE classrooms 25 Office WAP's 1 Large Areas 1 Outdoor 1</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 13 x \$575.56 = \$7482.28</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 1 x \$575.56 = \$575.56</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 1 x \$575.56 = \$575.56</p> <p>Outdoor - ZoneFlex T300, omni, outdoor access point, 802.11ac 2x2:2 internal BeamFlex+, dual band concurrent, one ethernet port, PoE input, includes mounting bracket and one year warranty. Does not include PoE injector. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$9,208.96	\$9,208.96
1	Ruckus	<p>School Evergreen classrooms 23 Office WAP's 1 Large Areas 1 Outdoor 0</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 14 x \$575.56 = \$</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 1 x \$575.56 = \$575.56</p> <p>Large Areas 6 - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$9,208.96	\$9,208.96

1	Ruckus	<p>School Ramsey classrooms 26 Office WAP's 3 Large Areas 1 Outdoor 0</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 13 x \$575.56 = \$7482.28</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 2 x \$575.56 = \$1151.12</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$9,208.96	\$9,208.96
1	Ruckus	<p>School University Park classrooms 23 Office WAP's 1 Large Areas 1 Outdoor 0</p> <p>Classrooms - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 12x \$575.56 = \$6906.72</p> <p>Offices WAPs - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty 1 x \$575.56 = \$575.56</p> <p>Large Areas - RUC-901R710US00 901-R710-US00 ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point, 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. 1 x \$575.56 = \$575.56</p>	Full Manufacturer's Warranty	\$8,057.84	\$8,057.84
2	Ruckus	<p>RUC-P01S104UN00 P01-S104-UN00 SMARTZONE 100 CONTROLLER 4XGEPORTS US AN with 3 year support RUC-S41S1043000 S41-S104-3000 SLED EU WD SUP SZ100 W 4GIGE 3 YEAR</p>	Full Manufacturer's Warranty	\$3,641.56	\$7,283.12

189	Ruckus	License upgrade RUC-L090001SG00 L09-0001-SG00 AP LIC UPGRADE FOR SZ100 ANDVSCG - 1 AP with 3 year support RUC-S4100013LSG S41-0001-3LSG SLED EU WD SUP SZ/VSCG AP LIC3 YEAR	Full Manufacturer's Warranty	\$72.89	\$13,776.21
10	HP	HP 2920-48G-POE+ J9729A 1 Year ISE / HP Lifetime	1-Year Advance Replacement Warranty	\$1,975.00	\$19,750.00
6	HP	HP 3800-48G-PoE+-4SFP+ J9574A 1 Year ISE / HP Lifetime	1-Year Advance Replacement Warranty	\$4,280.00	\$25,680.00
4	HP	HP 20-Port Gig-T POE+ zl Module J9536A 1 Year ISE / HP Lifetime	1-Year Advance Replacement Warranty	\$995.00	\$3,980.00
2	Dell	NSA 6600 (Total Secure / 1 YR) 01-SSC-3823 1 Year ISE / 1 Year Dell	1-Year Advance Replacement Warranty	\$22,194.75	\$44,389.50
2	Dell	NSA 6600 (Appliance Only) 01-SSC3820 1 Year ISE / 1 Year Dell	1-Year Advance Replacement Warranty	\$14,996.25	\$29,992.50
6	APC	Smart-UPS 1.2kW SMX1500RM2UNC 1 Year ISE / 1 Year APC	1-Year Advance Replacement Warranty	\$995.00	\$5,970.00

Limited Warranty Period(s): As specified above.

Freight ID: BHunt

Subtotal: \$259,594.37

Delivery Terms: 2 weeks after acceptance of order by ISE

Shipping: \$700.00

Freight Terms: FCA Origin

Estimated Tax: Per State

Proposal Expiration Date: While Quantities Last

Total Purchase: \$260,294.37

Payment Terms: Net 30

The price shown includes a 3% discount for payments made by cash, check or wire transfer. If payment is made by credit card, the 3% cash discount will not be available.

Additional Comments:

Agreed to and Accepted by:

Signature: _____

Ship To:

Name: _____

Title: _____

Date: _____

PO#: _____

The Sales terms and Limited Warranty terms governing this Proposal can be found at:

[ISE Sales Agreement Terms and Conditions](#)

[ISE Advance Replacement Warranty](#)

Insight Systems Exchange: 7012 Belgrave Ave. Garden Grove, CA 92841- US

Exhibit 9

GSD Form 470 # 160012764 - RFP APPENDIX A

DATA PROVIDED BY DISTRICT				DATA PROVIDED BY Connectivity Communications, Inc. SPIN #143029453									
Equipment Description	MFR	Part #	QTY	ALT MFR	ALT P/N	ALT DESC	Cost	Unit Cost	QTY	Ext Cost	Warranty	% erate	
Edge Switch	HP	J9729A	17				1700	1878	17	31,926.00	5yr	100%	
Building Core Switch	HP	J9574A	6				3800	4198	6	25,188.00	5yr	100%	
District Core Switch Blade	HP	J9536A	4				950	1049	4	4,196.00	5yr	100%	
Stack Module	HP	J9733AS	19				420	464	19	8,816.00	5yr	100%	
1m Stack Cable	HP	J9735AS	19				96	106	19	2,014.00	5yr	100%	
10gbps GBIC HP=	aTop	SFP-10G-SR=	17				48	53.47	17	908.99	5yr	100%	
1m 10g MMF Patch Cable	Misc		17				16	18.11	17	307.87	5yr	100%	
10gbps GBIC HP=	aTop	SFP-10G-LR-S=	6				139	154	6	924.18	5yr	100%	
1m 10g SMF Patch Cable	Misc		6				16	18.11	6	108.66	5yr	100%	
red patch 5ft	Monoprice	9831	329				1.19	1.75	329	575.75	5yr	100%	
red patch 7ft	Monoprice	9822	17				1.48	2.07	17	35.19	5yr	100%	
black patch 14ft	Monoprice	9823	115				2.42	3.11	115	357.65	5yr	100%	
black patch 25ft	Monoprice	9801	115				3.93	4.78	115	549.70	5yr	100%	
black patch 50ft	Monoprice	9827	116				6.86	8.02	116	930.32	5yr	100%	
1000ft cat6 blue riser	Primus	C6U-5374RB	103				103	113	30	3,390.00	5yr	100%	
UPS	APC	SMX1500RM2UNC	6	CPS	PR1500LCDRT2UN	UPS 1500va 6min full	488	539	6	3,234.00	3yr	100%	
Classroom WAPs	Ruckus	R500	299	Ruckus	901-R500-XX00	802.11ac wave-1 2x2:2s	645.00	254	299	75,946.00	5yr	100%	
Office WAPs	Ruckus	R500	21	Ruckus	901-R500-XX00	802.11ac wave-1 2x2:2s	645.00	254	21	5,334.00	5yr	100%	
Outdoor WAPs	Ruckus	T300	7	Ruckus	901-P300-US01	802.11ac wave-1 2x2:2s	1,295.00	507	7	3,549.00	5yr	100%	
Large WAPs	Ruckus	R700	19	Ruckus	901-R710-US00	802.11ac wave-2	1,295.00	507	19	9,633.00	5yr	100%	
				Ruckus	841-3300-5L00 SLED	Licensing support 5yr	15,000.00	14,170	1	14,170.00	5yr	100%	
				Ruckus	909-0300-ZD00	Licensing 5yr	9,000.00	3,504	1	3,504.00	5yr	100%	
Firewall	SonicWall	Sonicwall NSA 6600	2	EdgeWave	EPIC USG6620-IPS-AV-5yr-NBD	Next Generation Firewall Appliance 6620, IPS & AV, redundant Power; 5yr license, NBD	43,875.00	48480	2	96,960.00	5yr	100%	
				EdgeWave	USG6620-URL-5yr	EPIC USG6620-URL-inc 5yr license	15,395.00	17011	2	34,022.00	5yr	0%	
					Repair of damaged network jacks			59		0.00		100%	
					Run new cables to all outdoor access points			977		0.00		100%	
					Installation of all access points - hanging only to existing drops			39		0.00		100%	
					New fiber run from the CSE Core switch to CSE Old Hall switch andterm			1,500		0.00		100%	
Total Service for Entire Solution	n/a				Total Service for RFP Solution		9,977.00	9,977	1	9,977.00		100%	
TOTALS										336,557.31			

Exhibit 10



Gateway School District Meraki RFP

029210 Version 2
1/29/2016

Submitted by:

Evan Reese
724-720-1911 (office)
ereese@netechcorp.com

Kathy Overbeck
724-720-1904 (office)
koverbeck@netechcorp.com

Part Number	Description	Qty	Price	Ext. Price
Products				
MS220-48FP-HW	Meraki MS220 Cloud Managed 48 P	10	\$2,374.00	\$23,740.00
LIC-MS220-48FP-5YR	Meraki MS220-48FP Enterprise License	10	\$366.30	\$3,663.00
MS320-48FP-HW	Meraki MS320 Cloud Managed 48 P	6	\$3,394.00	\$20,364.00
LIC-MS320-48FP-5YR	Meraki MS320-48FP Enterprise Licen	6	\$523.55	\$3,141.30
MR32-HW	MR32 Cloud-Managed 802.11ac Access Point	309	\$319.60	\$98,756.40
MR72-HW	MR72 Cloud-Managed 802.11ac Outdoor AP	7	\$639.60	\$4,477.20
MR34-HW	Meraki MR34 Cloud Managed AP	19	\$559.60	\$10,632.40
LIC-ENT-5YR	Meraki MR Ent License 5 Years	335	\$166.50	\$55,777.50
LIC-MX400-ENT-5YR	Meraki MX400 Enterprise License	2	\$9,600.00	\$19,200.00
MX400-HW	Meraki MX400 Security Appliance	2	\$5,918.15	\$11,836.30
Products Subtotal:				\$251,588.10

Services				
SERV-Fixed Cisco	Professional Services	1	\$27,702.00	\$27,702.00
Services Subtotal:				\$27,702.00

Meraki RFP

Prepared by:

Netech

Evan Reese
724-720-1911
Fax 724-720-1905
ereese@netechcorp.com

Inside Sales Rep

Kathy Overbeck
724-720-1904
koverbeck@netechcorp.com

Prepared for:

Gateway School District

9000 Gateway Campus Blvd
Monroeville, PA 15146-3307
Dennis Houlihan
houlihan@gatewayk12.org
4123725300

Information:

Ref ID: 029210

Version: 2
Delivery Date: 01/29/2016
Expiration Date: 03/29/2016

Summary

Description	Amount
Products	\$251,588.10
Services	\$27,702.00

Total: \$279,290.10

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Product will be invoiced when delivered.

Signature

Date



Gateway School District APC Smart UPS

029230 Version 1
1/29/2016

Submitted by:

Evan Reese
724-720-1911 (office)
ereese@netechcorp.com

Kathy Overbeck
724-720-1904 (office)
koverbeck@netechcorp.com

Part Number	Description	Qty	Price	Ext. Price
Products				
SMX1500RM2UNC	SMART UPS X 1500VA RACK/TOWER LCD 120V W/NETWORK CARD	6	\$934.50	\$5,607.00

Products Subtotal: **\$5,607.00**

APC Smart UPS

Prepared by:

Netech

Evan Reese
724-720-1911
Fax 724-720-1905
ereese@netechcorp.com

Inside Sales Rep

Kathy Overbeck
724-720-1904
koverbeck@netechcorp.com

Prepared for:

Gateway School District

9000 Gateway Campus Blvd
Monroeville, PA 15146-3307
Dennis Houlihan
houlihan@gatewayk12.org
4123725300

Information:

Ref ID: 029230

Version: 1
Delivery Date: 01/29/2016
Expiration Date: 03/29/2016

Summary

Description	Amount
Products	\$5,607.00

Total: \$5,607.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Product will be invoiced when delivered.

Signature

Date

Exhibit 11

APPENDIX A

LIST OF EQUIPMENT AND SERVICES

All applicable taxes, fees, shipping and surcharges from which the District is not exempt or that is imposed or assessed by Vendor must be shown below or they will not be paid by the District. [Xtel has read, understands and will comply. Please also see our attachment labeled Pricing for some alternative options we are also proposing.](#)

Compatibility: Although functionally equivalent may be submitted for consideration, the equipment listed below must be interoperable and compatible with the District's existing equipment and protocols which are as follows:

DATA PROVIDED BY DISTRICT				DATA PROVIDED BY VENDOR			
Equipment Description	Manufacture	Part #	Estimated Quantity	Unit Cost	Extended Cost	Warranty Information	% E-rate Eligibility
Edge Switch	HP	2920-48G-POE+	10	\$2,634.00	\$2,6340.00	See Attachment	
Building Core Switch	HP	3800-48G-PoE+-4SFP+	6	\$7,350.00	\$44,100.00	See Attachment	
District Core Switch Blade	HP	J9536A	4	\$3,624.00	\$14,496.00	See Attachment	
Classroom WAPs	Ruckus	R500	299	\$304.00	\$9,0896.00	One Year	
Office WAPs	Ruckus	R500	10	\$304.00	\$3,040.00	One Year	
Outdoor WAPs	Ruckus	T300	7	\$810.00	\$5,670.00	One Year	
Large WAPs	Ruckus	R700	19	\$468.00	\$8,892.00	One Year	
Zone Director 300 with 50 Licenses	Ruckus	901-3050-XX00	2	\$3,705.00	\$7,410.00	One Year	
Zone Director 300, 200 License Upgrade	Ruckus	909-0200-ZD00	1	\$8,235.00	\$8,235.00	One Year	
Zone Director 300, 50 License Upgrade	Ruckus	909-0200-ZD00	1	\$2,058.00	\$2,058.00	One Year	
5 Year Watchdog Support for ZD300, 50 AP Licenses	Ruckus	802-3050-5000	2	\$3,600.00	\$7,200.00	Five Years	
5 Year Watchdog Support for ZD300, 250 AP License Upgrade	Ruckus	802-3250-5L00	1	\$10,000.00	\$10,000.00	Five Years	
Firewall – Dell SonicWALL NSA 6600 Secure Upgrade Plus 3 Year	Dell	01-SSC-4259	2	\$31,469.00	\$31,469.00	3 Year Support Contract	
UPS	APC	SMX1500RM2UNC	6	\$1,123.00	\$6,738.00	3 Years repair or replace(excluding Battery) and 2 years for battery	
TOTALS				\$75,684.00	\$298,013.00		