

**BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C.**

In the Matter of:)
)
Request for Waiver and)
Request for Review)
) CC Docket No. 02-6
by)
)
Jackson Public Schools)
Jackson, MI)

TO: Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

Jackson Public Schools ("Jackson") respectfully requests that the Federal Communications Commission ("FCC") grant it a Waiver of the deadline requiring appeals be filed within sixty days of the date of the Funding Commitment Decision Letter, which was dated February 5 2013. If the Commission grants such Waiver, Jackson then requests the Commission review a USAC Funding Commitment Decision for FRN 2353203. The Request for Waiver is made pursuant to 54.719 through 54.723 of the Commission's rules.¹

Basic Information:

Billed Entity Number:	131417
FCC Form 471 Application Numbers:	840117
Funding Request Number Appealed:	2353203
Date of Funding Commitment Decision Letter:	February 5, 2013

¹ 47 C.F.R. §§ 54.719–54.723

Contact Information:

Steve Kaplan
Educational Funding Group, Inc.
CRN 16043587
Consultant to Jackson Public Schools
26650 Renaissance Parkway, Suite 2
Cleveland, OH 44128
Tel. 216-831-2626
Fax: 216-831-2822
Email: skaplan@edfunding.net

BACKGROUND

Due to a series of events that would be almost comical if not so dire, Jackson Public Schools finds it necessary to seek a Waiver of section 47 C.F.R. § 54.720 of the 60-day period for filing a Request for Review relative to FRN 2353203 which, due to a mathematical/clerical error made in a Program Integrity Assurance (“PIA”) review response, was funded for \$43,715.61 less than the documentation submitted to PIA supported.

USAC’s Funding Commitment Decision Explanation MR1 stated: “The FRN was modified from \$289,448 to \$213,690.60 to agree with applicant documentation. <><><><><> MR2: The amount of the funding request was changed from \$213,690.60 to \$211,553.69 to remove: Ineligible Pre-K costs for \$2,136.91.” The reduction in MR1 occurred because although the supporting documentation was submitted to the PIA Team, Applicant’s response to a subsequent PIA contained a mathematical error that, although discrepant with the previously submitted documentation, went undetected by the both the Applicant’s consultant and the PIA reviewer. Applicant only first became aware of its error when the USAC Funding Commitment Decision Letter (“FCDL”) dated February 5, 2013 arrived.

STATEMENT IN SUPPORT OF WAIVER AND REQUEST FOR REVIEW

Jackson Public Schools is a school district of approximately 6100 students, the majority of whom are impoverished as measured by the National School Lunch Program criteria. The buildings eligible to receive services under FRN 2353203 are all at a 90% discount rate. The district continues to rely heavily on E-rate funding to help provide its students with much needed telecommunications and technology services. Since 2007 Jackson Public has employed Educational Funding Group, Inc. ("EFG") as its E-rate consultant (CRN 16043587). EFG's Letter of Agency is attached as Exhibit A.

Sometime towards the end of the first week of February, 2013, EFG received a Funding Commitment Decision Letter ("FCDL") dated February 5, 2013 for Form 471 Application #840117. Only when EFG received the letter did it first become aware of a mathematical error that had been made in a PIA response that resulted in an unwarranted reduction of \$43,715.61 in the funding commitment for FRN 2353203.

EFG is a relatively small E-rate consulting company that has been in business since 2004. The period December 2012 – March 2013 was an extraordinarily difficult period for the company because at this most crucial time of year – the FY2013 filing window - it was unexpectedly left severely understaffed, due to a series of unforeseen and unfortunate, events. In late November 2012 one account manager went on an extended medical leave of absence (from which she never returned), on February 1, 2013 another, an only child, went on an extended leave of absence when her elderly mother fell and broke her neck and on February 11, 2013, another employee abruptly left her position at the company. This amounted to EFG being short approximately 30% of its personnel going into the last few days of the Form 470

filing period. The company was left in the position of having to scramble to ensure that all its customers' 470s were filed by the February 14, 2013 deadline and it continued to scramble getting all its clients' Forms 471 filed by the close of the window. Out of necessity, the FCDL subject of this Request for Review was put on the back burner; the intention was to file an appeal to USAC after the close of the filing window, before the expiration of the 60-day appeal period. Unfortunately, the FCDL was inadvertently filed away by an inexperienced temporary employee and after the extraordinarily hectic last four weeks of the filing season, it was forgotten. Only when the dust of the filing season settled down and another inexperienced EFG employee temporarily assigned to Jackson Public was preparing a BEAR for the FY2012 reimbursement was the funding discrepancy discovered. By that time the 60-day appeal period had already passed, leaving EFG/Jackson no recourse but to respectfully request a waiver of the FCC allowing this late appeal to be submitted in order to correct the mathematical mistake that should have been caught by the PIA reviewer.

The original Item 21 Attachments for FRN 2353203 were sent in on March 17, 2012 together with a detailed list of equipment for the entire project which totaled \$583,414.00. The project in its district-wide entirety was applied for in 'sibling' FRN 2352866; the district's 90% schools applied for services under FRN 2353203 which comprised \$289,448.00 of the total amount. On October 11, 2012, in response to Question II of a PIA inquiry dated October 1, 2012, a revised Item 21 Attachment in the amount of \$286,553.52 was submitted for FRN 2353203 to reflect a Pre-K cost allocation of 1% that had inadvertently not been made in the original funding request. However, in a response to the third and final PIA inquiry dated January 23, 2013, the EFG PIA Specialist submitted a copy of the vendor agreement for the FRN

2353203 project total, which included ineligible entities and therefore required further cost allocation. To support the costs associated with the *eligible* entities (including the eligible portion of the Board Office) he also included a spreadsheet he had prepared which delineated the costs associated with those eligible entities; it was in this spreadsheet that his computational error occurred when in totaling the costs associated with the eligible entities, he inadvertently used \$11,400.00 as the total for Northeast Elementary School (BEN 57314) when the section total should have been \$51,890.90. This resulted in a pre-discount total of \$213,690.60 - \$43,715.61 less than it should have been. The greater amount – including the eligible portion of the Board Office – was supported by the vendor contract. Although previously submitted documentation reflected the correct cost of the project, the PIA reviewer obviously never reviewed all documentation in its entirety before submitting her recommendation. Instead she adopted the incorrect total of \$213,690.60 from the spreadsheet and reduced the amount of the funding request to that amount. Had she reviewed the entity-by-entity totals on the spreadsheet to verify that the breakdown included only amounts for eligible services associated with eligible entities and rechecked the math to insure accuracy, she would have caught the discrepancy and realized that the total of \$213,690.60 was incorrect. Standard procedure in PIA is to recheck any proposed reduction in the funding request by asking the Applicant to confirm, but this was not done either. Had this been the case, a simple phone call or email would have prevented the need for any appeal. Copies of the relevant PIA responses and associated documentation are attached hereto as Exhibit B.

The Commission has repeatedly reiterated its authority under 47 C.F.R. §1.3 to waive rules for good cause shown and has routinely waived compliance for violations when the record

contains no evidence of intent to defraud or abuse the E-rate program and where the public interest is better serviced by granting a waiver:

The Commission may waive any provision of its rules on its own motion and for good cause shown. A rule may be waived where the particular facts make strict compliance inconsistent with the public interest. In addition, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis. In sum, waiver is appropriate if special circumstances warrant a deviation from the general rule, and such deviation would better serve the public interest than strict adherence to the general rule. (footnotes omitted)²

CONCLUSION

Jackson Public feels it has provided sufficient special circumstances to justify a waiver of the time period for submitting its Request for Review. Further, the kind of mathematical error made by the EFG PIA Specialist is the sort of ministerial/clerical error that the Commission has recognized to fall within the purview of its *Bishop Perry Order*.

Therefore, Jackson Public Schools, by and through its duly authorized E-rate consultant, Educational Funding Group, Inc., respectfully requests that for good cause shown, and to better serve the public interest and the interests of the students of Jackson Public Schools, the Commission:

1. Find sufficient cause to waive the 60-day requirement for filing the within Request for Review;

² See *Request For Review of Decision of the Universal Service Administrator by Bishop Perry Middle School*, , DA No. 06-54; *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (*Northeast Cellular*).

2. Direct USAC to allow correction of the mathematical error so that applicant may receive the full funding commitment to which it is entitled;
3. Direct USAC issue a Revised Funding Commitment Decision Letter for FRN 2353203 in a total amount of \$257,406.21.

Thank you for your consideration.

/s/ Steve Kaplan

Steve Kaplan
Vice President
Educational Funding Group, Inc.
E-rate Consultant to Jackson Public Schools

EXHIBIT A



A GREAT PLACE TO LEARN!

JACKSON PUBLIC SCHOOLS

ADMINISTRATIVE OFFICES

522 Wildwood Avenue • Jackson, Michigan 49201 • Phone 517-841-2200 • Fax 517-789-8056
www.jpsk12.org

To: Schools and Libraries Division of the
Universal Service Administrative Company

Re: Letter of Agency for Funding Years*: July 1, 2011 – June 30, 2012 X
July 1, 2012 – June 30, 2013 X
July 1, 2013 – June 30, 2014 X

*Please check all applicable year(s)

The undersigned, on behalf of Jackson Public Schools, hereby authorizes the personnel and authorized agents of Educational Funding Group, Inc., ("EFG") to act as our Agent(s) with the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) regarding all matters involving our E-rate funding application(s) for the Funding Years checked above.

This authorization relates to the filing of FCC Form 470, FCC Form 471 and all other E-rate forms necessary to complete each year's funding process. This authorization further extends to all other phases of the application process, including, but not limited to, responding to Program Integrity Review inquiries and the filing of appeals. EFG personnel and agents are expressly authorized to access and discuss with the SLD all matters pertaining to our E-rate application(s) and forms for the above-checked Funding Years.

This authorization shall remain in full force and effect until all work associated with the Funding Year(s) checked above has been completed.

Jackson Public Schools
District Name

William M. Hannon

Signature

Date: Nov 11, 2010

WILLIAM M HANNON

Printed Name

Deputy Supt.

Title

Jackson High School • T.A. Wilson Academy • Middle School at Parkside
Bennett Elementary • Cascades Elementary • Dibble Elementary • Frost Elementary
Hunt Elementary • McCulloch Academy of Technology • Northeast Elementary • Sharp Park Academy

EXHIBIT B

October 11, 2012 PIA Response

To: Kristen Gerhart
Associate Manager, Program Integrity Assurance Reviewer
30 Lanidex Plaza West | Parsippany, NJ 07054
T: 973-581-5097 | F: 973.599.6579
kgerhar@sl.universalservice.org

Response Send Date: 11 OCT 2012

Date: 10/1/2012

CHARLENE DORNBACK
JACKSON PUBLIC SCHOOLS
(216) 8312626
840117

Response Due Date: 10/16/2012

The Program Integrity Assurance (PIA) team is in the process of reviewing all Funding Year 2012 FCC Form 471 Applications to ensure that they are in compliance with the rules of the Universal Service program. We are currently in the process of reviewing your Funding Year 2012 FCC Form 471 Application. To complete our review, we need some additional information. The information needed to complete the review is listed below.

(Items I – IV)

- I. Based on the documentation you provided during the review of your Funding Year 2012 FCC Form 471 application # 840117, FRN 2324217 includes a request for Basic Maintenance of Internal Connections. However we were not able to determine the eligibility of your request.

In order to assist us in the review of your FCC Form 471, please provide additional detailed information about your request, including a complete list of the equipment to be maintained, the equipment quantities, and the make and model number of each piece of equipment.

Our Response: A copy of our current vendor agreement is included with this message. The vendor agreement includes pricing for all components covered by the agreement.

All of the equipment is telephone system equipment manufactured and sold by NEC. The NEC (manufacturer) part numbers and/or descriptions are set out below in Table 1. Please note that no telephone sets or other ineligible equipment is included in the equipment to be maintained. The maintained systems are capable of ACD, MOH, paging and intercom. However, these are strictly ancillary to the function of the system and are, therefore, not subject to cost allocation.

Ineligible functionality is considered "ancillary" if:

1. a price for the ineligible component cannot be determined, and
2. the product or service is the most cost-effective means of obtaining the eligible functionality without regard to the value of the ineligible functionality.

See, <http://www.usac.org/sl/applicants/step06/ancillary-use-ineligiblecomponents.aspx>

Table 1

Item	NEC Manufacturer Description
------	------------------------------

ICS VS PIMN pkg	Ics Vs Pimn-ub Mfr P/N 150011
4COTB	COTB analog C.O. card
4DLCA	4DLCA NEC - NEAX 2000 Card (#150219)
4DLCD	PN-DLCD...-/140590043872
8RSTA	8RSTA NEC - NEAX Card (#151200)
DKOO	DKOO External Relay Card
4LCDA	4LCD-A NEC - NEAX Card (#150216)
8LCD	8LCD NEC - NEAX Card
8DLCJ	8-line Digital Line Circuit Card
CPOOBMP	PN-CPO08 (MP) Card
CPO3MP	PN-CP03 (MP) Card
24DTAA	NEAX PN-24DTAA-C T1
SPN5COO	BOARD SPN-SCOO
PE3A12	PN PE-3A-12

However, please note that these items are merely components of telephone systems. The vendor listed those parts as a convenient way for them to show the Applicant how they derived the cost of their services. The specific telephone systems for which funding is requested as well as the costs of maintenance for those systems are shown in Table 2.

Table 2

Entity Name	Discount Percentage	Telephone System	Cost
Hunt Elementary School	90%	NEAX 2000 IVS	\$1,700.00
Northeast Elementary School	90%	NEAX 2000 IVS	\$1,700.00
Cascades Elementary School	90%	NEAX 1000 IVS	\$1,000.00
Bennett Elementary School	90%	NEAX 1000 IVS	\$1,000.00
Frost Elementary School	90%	NEAX 1000 IVS	\$1,000.00
McCulloch Elementary School	90%	NEAX 1000 IVS	\$1,000.00

As mentioned above, no telephone sets or other ineligible equipment is included in the equipment to be maintained. The maintained systems are capable of ACD, MOH, paging and intercom. However, these are strictly ancillary to the function of the systems and are, therefore, not subject to cost allocation.

Please reduce the pre-discount annual charge for this FRN from \$7,509.00 to \$7,400.00 to conform with our documentation. That reduction is reflected in the amended Item 21 Attachment for this FRN that is included with this message.

- ii. For FRN 2353203, please provide a detailed description as to what comprises Professional Services.

Our Response: Professional Services as included in FRN 2353203 are the required installation and configuration charges for eligible equipment.

- iii. Based on the documentation that you provided during the review of your Funding Year 2012 FCC Form 471 application 840117, we have determined that the entities listed below are included in your request for services and they appear to be special education Pre-K facilities.

The entities are:

HUNT ELEMENTARY SCHOOL
 NORTHEAST ELEMENTARY SCHOOL
 MCCULLOCH ELEMENTARY SCHOOL
 FROST ELEMENTARY SCHOOL

SHARP PARK SCHOOL

In the state of Michigan, special education Pre-K students are eligible for funding only if certain conditions are met. Please reply to one set of questions below, paying attention to whether the entities listed above are associated with an elementary school or are standalone facilities.

Pre-K Program associated with an elementary school (component)

NB: Our response refers to all of the entities set out above EXCEPT Sharp Park School which does not provide services to Pre-K Students.

Does the facility include Pre-K students that do not participate in a Special Education program? YES
Yes or No

- If yes, please provide the total non-Special Education Pre-K student enrollment (student count) that is included in Block 4 of this FCC Form 471. **No ineligible Pre-K students were included in Block 4 of Application Number 840117.**
- Please also provide a dollar cost allocation or percentage of total costs of eligible products or services associated with the non-Special Education Pre-K students for each FRN. Please see the Cost Allocation Computation set out below.

Cost Allocation Computation

District Details

- Total Eligible Students = 6,086 (6,014 use IA Services)
- Ineligible Pre-K Students = 133 All are served by schools included in FRNs 2342417 and 2353203.
Pre-K Students DO NOT USE Network Services or Telephone Services
- Total K-12 Staff = 860 (Use Telecom and IA Services)
- Pre-K Staff = 7 (Use Network and Telecom Services) All work in schools included in FRNs 2342417 and 2353203

Telecom Service Computations (Including Telecom Systems Maintenance)

- Total Number of Telecom Users = 867 (860 K-12 Staff + 7 Pre-K Staff)
- Pre-K Use of Telecom Services = 0.81% (7 / 867)

Therefore FRN 2324217 should be reduced by 0.81%

Network Service Computation (Including New Network Equipment)

- Total Number of Network Service Users = 6,881 (6,014 K-12 Students + 867 Staff)
- Pre-K Use of IA Services = 1.00% (7 / 6,881)

Therefore FRN 2353203 should be reduced by 1.00%.

I have included new Item 21 Attachments that reflect those cost allocation reductions.

Pre-K Program not associated with an elementary school (stand alone) **NOT APPLICABLE**

If the facility is a separate Pre-K facility, does the school operate at least 4 or more hours per day or more than 12 hours per week and is it occupied by 6 or more students? Yes or No **Not Applicable.**

Your response must be on appropriate school letterhead and be signed and dated by a chief school official (e.g., Principal, Superintendent). If responding via email, please provide the name and title of the chief school official providing the response.

Failure to provide the required documentation will result in a cost allocation for each FRN and the removal of Pre-K Special Education students from the Block 4 of your FCC Form 471 or a possible denial of the funding requests.

Please be advised that the removal of Pre-K Special Education students from Block 4 of your FCC Form 471 may also decrease your discount percentage, which could impact your funding.

*For further information regarding Pre-K Special Education please refer to the USAC website at:
<http://www.usac.org/sl/applicants/beforeyoubegin/non-traditional/default.aspx>.*

- IV. *Based upon review of your Funding Year 2012 FCC Form 471 application # 840117, we were not able to determine the eligibility of MIDDLE SCHOOL AT PARKSIDE to receive E-rate services because we could not determine what type of entity it is. In order to assist us in completing the review of your application, please answer the following questions:*

*Is this entity a Juvenile Justice, Adult Education (offering elementary or secondary education to adults) or Pre-K entity? If Yes, which of the three entities is it? **NO***

If the entity does not fall into one of the three categories above, please specify the type of entity it is.

Our Response: This entity is an Eligible Elementary School.

Is the building that houses this entity a part of (a component of) an elementary or secondary school or is it a stand-alone facility?

Failure to respond to the above question may result in a denial of your funding request(s).

*For further information regarding Pre-K facilities, please refer to the USAC website
<http://www.usac.org/sl/applicants/beforeyoubegin/non-traditional/default.aspx>.*

**Thank you for your attention to our application.
Charlene Dornback
Account Manager
Jackson (MI) Public Schools**



MAINTENANCE SERVICE AGREEMENT

THIS AGREEMENT is made as of July 1, 2012 by and between All-Tronics, Inc., having its principal place of business at 550 Major Ave, Battle Creek, Michigan 49037 ("ATI"), and Jackson Public Schools, having its principal place of business at 1401 N. Brown Street Jackson, MI 49202. ("Customer").

1. Service

ATI agrees to provide maintenance and repair service for the hardware equipment ("Equipment") and associated software listed in Schedule A (collectively, such equipment and software is referred to as the "System"), installed at Jackson Public Schools (the "Premises"), as set forth below.

- (a) Maintenance Services: ATI shall, during the contracted period furnish all parts and service necessary to maintain the System in good working order or provide such other maintenance coverage specified in Schedule A. ATI shall dispatch service personnel to the premises to perform necessary repairs from one of its authorized service centers. ATI shall also conduct remote diagnostic testing, when applicable. Any replacement parts may be either new or refurbished but equivalent to new in operation. Parts will be furnished on an exchange basis, and any parts removed shall become the property of ATI.
- (b) Response Time: When on-site repairs are necessary, ATI shall respond during ATI service hours within 24 hours (excluding weekends and holidays) of ATI's receipt of Customer's request. The service hours for ATI to provide routine maintenance, and/or repair service for the System will be between the hours of 8 AM and 4:30 PM prevailing local time, Monday through Friday, excluding days observed by ATI as holidays. However, in case of major System failure, ATI shall respond within four hours of ATI's receipt of Customer's service request. Service hours in case of major System failure shall be 24 hours a day, seven days a week. The response time will be the elapsed time between ATI's receipt of Customer's service request and arrival of ATI's service personnel at the site.
- (c) Non-Covered Service: ATI will attempt to respond to all requests for service. If service is requested outside ATI's service hours, labor for such non-covered service calls will be chargeable to Customer in accordance with ATI's local prevailing hourly labor rates. However, parts and other material costs will be covered even for after-hours service under this Agreement, unless excluded under Section 5 hereof, "Exclusions." Moves, adds and changes (MAC) to the system(s) shall be provided at ATI's then current labor rate and materials pricing for such services, which is in addition to the service fee in Section 2.

2. Service Fee

- (a) Customer agrees to pay a service fee of \$110.00 per hour portal to portal plus parts for the first year of this Agreement. ATI reserves the right to adjust the yearly fee for extensions of this Agreement, as set forth in Section 3 hereof.
- (b) If new or additional equipment is added to the System subsequent to the effective day of this Agreement, a new service fee will be calculated, to reflect the increased scope of service and maintenance.
- (c) The service fee does not include, state, or local taxes which may be applicable. Such taxes will be additional billable items, which Customer agrees to pay unless Customer provides ATI with appropriate tax exemption documentation.

550 MAJOR AVE • BATTLE CREEK, MICHIGAN 49037
(269) 968-7171 • (800) 589-7171 • FAX (269) 968-9704 • www.all-tronics.com

2. Service Fee (cont.)

- (d) If Customer does not make timely payment to ATI of any amount payable under this Agreement, then in addition to all the remedies available to ATI at law or equity or under other provisions of this Agreement, ATI may collect interest on the sum then owing at the rate of 1.5% per month from the date due until payment by Customer and, without extending the term of this Agreement cease maintaining the equipment and cease performance of any other obligation undertaken in this Agreement. In no event, shall the aggregate interest charges exceed the maximum rate of interest, which could be charged under applicable law.

3. Term

The term of this Agreement shall be one (1) year, commencing on July 1, 2012. Unless one party notifies the other of its intent to terminate this Agreement at least thirty (30) days prior to the expiration of the term (or at the end of any one year extension of the term which may occur as provided below), the term shall be automatically extended for an additional one (1) year period(s) ("extensions"), upon the same terms and conditions contained herein, except that ATI may adjust its service rates to conform to ATI's prevailing local service rates for the next extension. ATI shall furnish Customer with a written notice of any proposed increase in ATI's service rates for the next extension at least forty-five (45) days prior to the next anniversary date of the original Agreement. Unless Customer exercises its right to terminate as set forth above, Customer shall be deemed to have agreed to the adjusted service rates for the next extension.

4. Liabilities

- (a) ATI EXTENDS NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TO CUSTOMER FOR THE SERVICES PROVIDED BY THIS AGREEMENT.
- (b) ATI WILL NOT BE LIABLE TO CUSTOMER FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES FOR LOSS, DAMAGE, OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM CUSTOMER'S USE (OR INABILITY TO USE), OR A THIRD PARTY'S UNAUTHORIZED USE, OF THE SYSTEM OR ITS COMPONENTS, EITHER SEPARATELY OR IN COMBINATION WITH OTHER EQUIPMENT, OR FOR COMMERCIAL LOSS OF ANY KIND, REGARDLESS OF WHETHER ATI OR ITS SUBCONTRACTORS HAD BEEN ADVISED OF SUCH POSSIBILITY.
- (c) IN ALL SITUATIONS INVOLVING PERFORMANCE OR NON-PERFORMANCE BY ATI UNDER THIS AGREEMENT, CUSTOMER'S SOLE AND EXCLUSIVE REMEDY IS (1) TO TERMINATE THIS AGREEMENT BY WRITTEN NOTICE TO ATI, AND (2) TO RECEIVE A PRO RATA REFUND OF ANY PREPAID MAINTENANCE SERVICE CHARGES, LESS ANY SUMS DUE AND OWING ATI.

5. Exclusions

- (a) This Agreement will not cover repair work or replacement of battery back-up or expendable items such as headsets, paper, diskettes, printer heads, and printer ribbons. This Agreement also will not cover service required when due to: (I) Customer's unauthorized maintenance or repair of the Equipment, (II) Customer's or third party's unauthorized add, move, or changes to the Equipment, (III) negligence, (IV) abuse, (V) connection to inappropriate power supplies, (VI) fire, flood, wind, lightning, or other similar acts of God, (VII) failure of Customer to maintain proper environmental conditions for the System as stated in (b) below, (VIII) improper wiring, installation, repair or alteration of the Equipment by anyone other than ATI or its agents, or (IX) software changes or attempted software changes in the System by persons not authorized by ATI, or (X) equipment that is non repairable/obsolete by manufacturer. If requested by Customer, repairs necessitated by any of the above excluded causes shall be performed by ATI at ATI's prevailing local rates for such services and/or materials.
- (b) The Customer is responsible for maintaining suitable environmental conditions for the System. Suitable conditions shall include, but not be limited to, the provision of proper electrical power, air conditioning, and humidity control, and other environmental requirements. The presence of asbestos, or other hazardous materials or unsafe conditions ("Hazards") on Premises shall be deemed an unsuitable environment for the System and ATI shall be entitled to cease performance under Agreement until such Hazards have been cured to ATI's satisfaction. Furthermore, Customer will indemnify and hold harmless ATI or its subcontractors or agents from harm caused by, or measures taken to deal with such hazards.

6. Force Majeure

If ATI's performance is prevented, delayed, or otherwise made impractical by reason of any flood, riot, fire, strike, explosion, war, governmental action, or regulation, or any similar cause beyond the reasonable control of ATI, ATI shall be excused from such performance until the abatement of such cause(s).

ALL-TRONICS, INC.

BATTLE CREEK • GRAND RAPIDS • TROY

MAINTENANCE SERVICE AGREEMENT
Jackson Public Schools

7. Access

Customer agrees to provide full accessibility to the Premises for ATI's employees to perform services and will make available to ATI a reasonable amount of secure space for storage by ATI of such repair or maintenance parts as ATI deems necessary.

8. Covenant Not-To-Hire

Each party agrees not to hire or attempt to hire employees of the other party during the term and for a period of one (1) year after the term (including any renewal term) of this Agreement, without the express written consent of the other party. In the event of a breach of this covenant, the aggrieved party shall be entitled to recover as liquidated damages and not as a penalty an amount equal to the employee's last year's base salary.

9. Termination

- (a) If either party is in default of its obligations under this Agreement and such default continues for thirty (30) days after written notice if given by the party not in default, such non-defaulting party may (in addition to all other rights and remedies provided in this Agreement or by law) terminate this Agreement.
- (b) Notwithstanding (a) above, if either party becomes insolvent, enters voluntary or involuntary bankruptcy, or takes any measures generally designed for the relief of debtors, then the other party may (in addition to all other rights and remedies provided in this Agreement or by law) terminate this Agreement immediately without notice.
- (c) In the event that a party other than ATI provides service, repairs, moves, adds and changes (including telephones) to the equipment, that in the opinion of ATI renders the equipment less serviceable, ATI shall have the right to terminate this Agreement and refund to the Customer any unused portion of prepaid maintenance service charges, less any sums due and owing to ATI.
- (d) Upon termination, cancellation, or expiration of this Agreement, each party shall promptly return to the other party all papers, materials, and properties of the other held by such party.

10. Assignment

Customer may not transfer or assign this Agreement to any third party with the express prior written consent of ATI. ATI may assign this contract to any parent company, subsidiary, or affiliate of ATI, or in connection with the sale of substantially all of the assets of ATI without Customer's consent.

11. Governing Law

This Agreement shall be governed by and construed in accordance with the domestic laws of the State of Michigan.

12. Notices

All notices required or permitted to be given under this Agreement shall be in writing and sent to each party at the address indicated below by certified US mail or other delivery service providing the sender a signature upon receipt. Such notice shall be effective upon receipt.

JACKSON PUBLIC SCHOOLS

ADDRESS: 1401 N. Brown St
Jackson, MI 49202
TELEPHONE: (517) 841-2138
ATTENTION: Matthew Farhat

ALL-TRONICS, INC.

ADDRESS: 550 Major Ave
Battle Creek, MI 49037
FACSIMILE: (269) 968-9704
ATTENTION: Contracts Department



13. Non-Waiver

The waiver by either party of any default or any obligation will not operate as a waiver of any subsequent default or excuse any future obligation.

14. Costs

The Customer will pay all of ATI's costs and expenses, including reasonable attorney's and collection fees, incurred in enforcing this Agreement.

15. Entire Agreements

This Agreement, when executed by ATI and Customer and approved by ATI, constitutes the entire agreement between ATI and Customer with regard to Customer's service and maintenance by ATI. Any alterations or modifications to this Agreement must be in writing, and must be executed by an officer of both ATI and the Customer. ANY ALTERATIONS OR MODIFICATIONS TO THIS AGREEMENT, UNLESS MADE IN ACCORDANCE WITH THE ABOVE, SHALL BE VOID AND OF NO EFFECT.

IN WITNESS WHEREOF, Customer and ATI have entered into this Agreement, as indicated by the signatures of the authorized representatives below.

JACKSON PUBLIC SCHOOLS

ALL-TRONICS, INC.

BY: *Matthew Farhat*

BY: Jack Morrison

PRINT NAME: Matthew Farhat

PRINT NAME: Jack Morrison

*TITLE: Director of Business Services

*TITLE: President

DATE: 03/12/12

DATE: 03/09/12

*If Customer is a corporation, indicate the position of office held by the person signing this Agreement on the title line. If Customer is a partnership, the Agreement must be signed by all partners (or at least a "managing partner") with the word "partnership" on the title line. If the Customer is an individual, insert the phrase "sole proprietor" on the title line.



Location Name: Bennett, Cascades, Dibble, Frost, Jackson HS, McCulloch, MS at Parkside, Northeast, Operations Center,
T A Wilson Academy

SCHEDULE A:

<u>Component</u>	<u>Replacement Part Cost</u>
ICS VS PIMN Pkg	882.00
4COTB	245.00
4DLCA	685.00
4DLCD	450.00
8RSTA	440.00
DKOO	175.00
4LCDA	450.00
8LCD	800.00
8DLCJ	800.00
CPOOBMP	1700.00
CPO3MP	1000.00
24DTAA	1180.00
SPN5COO	2250.00
PE3A12	80.00

Estimated labor and replacement parts to be used is: \$8,800.00 Labor
3,000.00 Parts
\$11,800.00

Note: Telephone instruments are not covered by this agreement. Repair or replacement of such will be at the expense of Jackson Public Schools

Applicant: JACKSON PUBLIC SCHOOLS
 BEN: 131417
 SPIN: 143004332 - All-Tronics, Inc.
 Category: Basic Maintenance of Internal Connections
 470: 761940000935913

Attachment Name: Basic Maint 90
 Application Id: JACKSON PUBLIC SC
 Application #: 840117
 ° FRN: 2324217
 Funding Year: 2012

Item 21 Attachment 2012-2013

Quantity	Item	Description	Unit Cost	Recurring	Non-Recurring
12	months	All-tronics will provide (7) buildings with off-site, on-call basic technical support available to the district on an as-needed basis to maintain the equipment's ability to transport information to the individual classrooms. This basic maintenance includes repair of eligible equipment.	\$616.6667	\$7,400.00	

Adjustment \$0.04

Sub Total Pre-Discount Cost: \$7,400.04
 Grand Total Pre-Discount Cost: \$7,400.04
 After Pre-k or Adult reduction of 0.81% \$7,340.04

Additional Information:

Reduced for Pre-K Cost Allocation in PIA dated 01 OCT 2012. This FRN was also reduced to conform with the applicant's documentation.

Response Dated 10/11/2012 Page 10 of 11



Applicant: JACKSON PUBLIC SCHOOLS
 BEN: 131417
 SPIN: 143004704 - Software Services Group
 Category: Internal Connections
 470: 761940000935913

Attachment Name: W/L 90
 Application Id: JACKSON PUBLIC SC
 Application #: 840117
 ° FRN: 2353203
 Funding Year: 2012

Item 21 Attachment 2012-2013

Quantity	Item	Description	Unit Cost	Recurring	Non-Recurring
12	months	Network Electronic and Cabling			\$289,448.00

Sub Total Pre-Discount Cost: \$289,448.00

Grand Total Pre-Discount Cost: \$289,448.00

After Pre-k or Adult reduction of 1.00% \$286,553.52

Additional Information:

Reduced for Pre-K Cost Allocation in PIA dated 01 OCT 2012.



January 28, 2013 PIA Response

To: Kristen Gerhart
Associate Manager, Program Integrity Assurance Reviewer
30 Lanidex Plaza West | Parsippany, NJ 07054
T: 973-581-5097 | F: 973.599.6579
kaerhar@sl.universalservice.org

Response Send Date: 28 JAN 2013

Date: 1/23/2013

CHARLENE DORNBACK
JACKSON PUBLIC SCHOOLS
(216) 8312626
840117, 834427

Response Due Date: 2/7/2013

The Program Integrity Assurance (PIA) team is in the process of reviewing all Funding Year 2012 FCC Form 471 Applications to ensure that they are in compliance with the rules of the Universal Service program. We are currently in the process of reviewing your Funding Year 2012 FCC Form 471 Application. To complete our review, we need some additional information. The information needed to complete the review is listed below.

(Items I – III)

- I. For FRN 2324217, is the PE3A12 being used as a spare battery?

Our Response: Sort of. They are (there are four of them) used for “stand-by” power. As such, please reduce the annual pre-discount amount for this FRN by \$72.00 (4 x \$18) as cost allocation for ineligible equipment. I have attached validation concerning the cost of the equipment with this response.

- II. Based on the review of your Funding Year 2012 FCC Form 471 application 840117, for FRN(s) 2353203, the documentation you provided in your Item 21 Attachments is not sufficient to determine the eligibility of your request. The documentation does not clearly identify the products or services being requested in this FRN. Please provide more detailed documentation that identifies the actual products and services being requested. Your documentation should identify the specific products and services such as make, model, and description of the product or service being delivered. If you do not have this information, you will need to contact your vendor and request such documentation. The vendor should be able to provide you with detailed documentation regarding the products or services you are requesting.

Any documentation provided must be dated on or before the Funding Year 2012 FCC Form 471 application filing window deadline and should clearly identify all of the ineligible charges that were cost allocated out of your request. If you are unable to justify the eligibility of charges requested on your FCC Form 471, the funding request may be reduced or denied.

Our Response: A copy of our vendor agreement, for the project totaling \$583,414.00 is included with this message. However, that contract would cover schools not included under FRN 2353203. For that reason, I have also included a spreadsheet which shows the cost associated only with the included schools and the portion of the district cost attributable to those entities. The costs for those entities and their share of the district costs total \$213,690.60 instead of the \$289,448.00 originally requested for this FRN. Therefore, please reduce the annual pre-discount amount for this FRN from \$289,448.00 to \$213,960.60.

- III. Based upon review of your FCC Form 471 application 834427, we have determined that CHANTER ROAD CORRECTIONAL FACILITY is a new construction entity. We were not able to validate your requested discount of 83% for this entity. In order to validate this percentage, please provide third-party verification

of the total enrollment and total number of students at this entity who meet the income eligibility guidelines for participation in the National School Lunch Program (NSLP).

Third-party documentation may be obtained from an official state report or web site or it may be in the form of a letter signed by the Superintendent or other chief school official such as the Principal, Vice Principal, Superintendent, or Director of Food Services.

Also describe the process used to determine your requested discount percentage.

*If the new construction is a charter school, is the charter school part of an existing school district? ___
Yes ___ No **Not applicable, the new school is not a charter school.***

If Yes, will the charter school draw any of its students from outside the boundaries of this existing school district?

*___ Yes ___ No **Not applicable, the new school is not a charter school.***

Please also provide evidence that the construction of this new entity is underway. This evidence may be in the form of a construction contract, board meeting minutes approving the construction, or a RFP award letter to the new construction bidder. Please provide any additional information that will substantiate the requested discount level for this new construction.

Please refer to the USAC website for additional guidance on calculating your discount level at <http://www.usac.org/sl/applicants/step04/discounts.aspx>.

Our Response: We used the weighted district average to determine the requested discount for this entity. We believed that some e-rate funded services might be used in this entity when it opened. However, none are being used. Please remove this entity from Application Number 834427. Since no e-rate funded services for this entity were included in our application, no cost allocation is required due to this entity removal.

Thank you for your attention to our applications.

**Charlene Dornback
Account Manager
Jackson (MI) Public Schools**

FRU 23532036 PAGE 3



JACKSON PUBLIC SCHOOLS

Operations Center

1401 N. Brown Street • Jackson, Michigan 49202 • Phone 517-841-2136 • Fax 517-782-3727

A GREAT PLACE TO LEARN!

03/16/2012

Secant Technologies
6395 Technology Avenue
Suite A
Kalamazoo, MI 49009

Dear Holly Wickland :

This letter will confirm our decision to purchase \$583,414.00 of internal connections – Cisco Network Electronics & Cabling based on attached quote from your company during the 07/01/2012 to 06/30/2013 E-rate funding year as specified in the attached specifications and price quotations. Please note the crossed out sections in the attached quotation for which Jackson Public Schools will not be requesting service.

This agreement is effective the date above-written and is contingent on the following conditions:

1. Contract confirmation by the Applicant's governing board;
2. Governing board's appropriation of funds; and
3. Award and acceptance of Year 15 E-rate funding.

This written acceptance of your proposal constitutes an agreement between us. It is agreed that the performance dates of this contract may be extended as necessary to accommodate funding delays of the SLD and other unforeseen occurrences. Our school/library reserves the right to terminate this contract at any time and for any reason by giving vendor thirty (30) days written notice. Vendor shall be entitled to payment for deliverables in progress, to the extent that the work has been performed satisfactorily. Additionally, we reserve the right to make SPIN changes as may be allowed by the FCC.

Please sign below to acknowledge our acceptance and return a signed copy to us as soon as possible but **no later than March 16, 2012**. **THIS SIGNED, PROPERLY DATED CONTRACT IS REQUIRED UNDER E-RATE RULES.** Electronic, facsimile, photocopy and pdf copies, including signatures, shall be deemed original.

Sincerely,

Secant Technologies

Matthew Farhat
Matthew Farhat
Director of Business
Services

Holly Wickland
Signature

Holly Wickland, USF Program Manager
Printed Name and Title

3/16/12
Date

Jackson High School • T.A. Wilson Academy • Middle School at Parkside • Amy Firth Middle School
Bennett Elementary • Cascades Elementary • Dibble Elementary • Frost Elementary
Hunt Elementary • McCulloch Academy of Technology Science • Northeast Elementary • Sharp Park Academy



6395 TECHNOLOGIES
 Computer networking and wireless network solutions

Client Name: Jackson Public Schools

USF Funding Year 2012-13

Description: Wireless & Switches

Date: 3/5/2012

Qty	Part #	Description	Price	Extended	Total
328	AIR-LAP1142N-A-K9	802.11a/g/n Fixed Unified AP; Int Ant; A Reg Domain	\$ 378.10	\$ 123,260.80	
145	AIR-CAP3502I-A-K9	802.11a/g/n Ctrn-based AP w/CleanAir; int Ant; A Reg Domain	\$ 492.10	\$ 71,846.80	
78	AIR-CAP3602I-A-K9	802.11n CAP w/CleanAir; 4x4:3SS; Mod; Int Ant; A Reg Domain	\$ 588.10	\$ 44,311.80	
45	WS-C2960S-48LPS-L	Catalyst 2960S 48 GigE PoE 370W, 4 x SFP LAN Base	\$ 2,458.10	\$ 111,064.50	
17	WS-C2960S-48FPS-L	Catalyst 2960S 48 GigE PoE 740W, 4 x SFP LAN Base	\$ 2,848.10	\$ 48,417.70	
1	AIR-CT5508-600-K9	Cisco 5508 Series Wireless Controller for up to 600 APs	\$ 39,990.10	\$ 39,990.10	
1	L-LIC-CT5508-600A	50 AP Add-on License for the 5508 Controller (eDelivery)	\$ 8,168.10	\$ 8,168.10	
70	GLC-T	100BASE-T SFP	\$ 150.10	\$ 10,507.00	
1	R-PI-1.1-500-K9	Prime Infrastructure 1.1 Software - 500 Device Base License	\$ 14,060.00	\$ 14,060.00	
1	L-PI-1.1-50-ADD	Prime Infrastructure 1.1 - 50 Device Add-On License	\$ 2,012.10	\$ 2,012.10	
550	Pendul data drops	See attached sheet		\$ 121,445.20	
3		Secant Professional Services Day Labor	\$ 1,148.00	\$ 3,438.00	
				Total	\$ 659,429.70

Alternate

1	PRIME-NGS-APL-K9	Cisco Prime Network Control System Hardware Appliance	\$ 5,698.10	\$ 5,698.10	
1	WS-C2960S-48LPD-L	Catalyst 2960S 48 GigE PoE 370W, 2 x 10G SFP+ LAN Base	\$ 3,228.10	\$ 3,228.10	YES
1	AIR-CT7510-500-K9	Cisco 7500 Series Wireless Controller Supporting 500 Aps	\$ 24,698.10	\$ 24,698.10	YES
1	CON-SNT-CT75500	500 Aps	\$ 3,940.00	\$ 3,940.00	
1	L-LIC-CT7500-100A	100 AP E-License for Cisco 7500 Wireless Controller	\$ 3,988.10	\$ 3,988.10	YES
1	CON-SNT-LG75100A	1-YR SMARTnet Ex5xNBD Cisco 7500 Series Wireless Controller for 100	\$ 500.00	\$ 500.00	
2	SFP-10G-SR	10GBASE-SR SFP Module	\$ 568.10	\$ 1,138.20	YES

\$583,419.00

6395 Technology Ave., Suite A.
 Kalamazoo, MI 49009
 P 269-375-8996 F 269-375-4222
 www.secantcorp.com

Jackson Public Schools
 Prepared By: Secant Technologies
 Date :3-6-12

Premise cabling detail

Building Name	Description	Quantity	Parts and Labor
Bennett Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	31	\$ 7,415.20
Cascades Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	22	\$ 4,620.00
Dibble Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	24	\$ 5,280.00
Frost Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	56	\$ 13,160.00
Hurt Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	56	\$ 11,200.00
McCulloch Academy of Technology & Science	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	23	\$ 5,050.00
Northeast Elementary	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	57	\$ 11,400.00
Sharp Park Academy	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	18	\$ 3,510.00
Middle School at Parkside	Certified Panduit Cat 5e drop, patch cords raceway and mounting of AP	112	\$ 30,240.00
Jackson High School	Certified Panduit Cat 5e drop, patch cords sleeves and mounting of AP	128	\$ 24,960.00
TA Wilson	Certified Panduit Cat 5e drop, patch cords and mounting of AP	23	\$ 4,600.00
		550	\$ 121,445.20
	Above total includes mounting of Access Points		



TECHNOLOGIES
Computers networking and whatever else comes next

Client Name: Jackson Public Schools

USF Funding Year 2012-13

Internal Connections

Description	Total
Cisco Network Electronics & Cabling	\$ 598,429.70
Total Bid Contract	\$ 598,429.70

583,414.00

This contract is pending approval of USF funding and of Jackson Public Schools budget.

Secant Technologies
6395 Technology Avenue
Suite A
Kalamazoo, MI 49009

SPIN#: 143004704
Phone: 269-375-8996

Authorized Signature: [Signature]
Printed Name :: Holly Wickland
Date :: 3/16/12

Jackson Public Schools
522 Wildwood
Jackson, MI 49201
Phone: (517) 841 2200

Entity #131417

Printed Name :: Matthew Farhat
Date :: 03/16/12

6395 Technology Ave., Suite A,
Kalamazoo MI 49009
P 269 375-8996 F 289-375-4222
www.secantcorp.com

JPS Wireless Parts List

Put in FRN
2353203

Bennett		31		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	18 \$	378.10	\$ 6,805.80
AP 3502	AIR-CAP3502I-A-K9	9 \$	492.10	\$ 4,428.90
AP 3600	AIR-CAP3602I-x-K9	4 \$	568.10	\$ 2,272.40
Switch 2960S	WS-C2960S-48LPS-L	0 \$	2,468.10	\$ -
Switch 2960S FULL Power	WS-C2690S-48FPS-L	1 \$	2,848.10	\$ 2,848.10
Copper SFP	GLC-T	1 \$	150.10	\$ 150.10
Network Drops and Installation		31 \$	239.20	\$ 7,415.20
			\$ 23,920.50	\$ 23,920.50

Cascades		22		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	11 \$	378.10	\$ 4,159.10
AP 3502	AIR-CAP3502I-A-K9	6 \$	492.10	\$ 2,952.60
AP 3600	AIR-CAP3602I-x-K9	5 \$	568.10	\$ 2,840.50
Switch 2960S	WS-C2960S-48LPS-L	2 \$	2,468.10	\$ 4,936.20
Copper SFP	GLC-T	2 \$	150.10	\$ 300.20
Network Drops and Installation		22 \$	210.00	\$ 4,620.00
			\$ 19,808.60	\$ 19,808.60

Dibble		24		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	14		
AP 3502	AIR-CAP3502I-A-K9	6		
AP 3600	AIR-CAP3602I-x-K9	4		
Switch 2960S	WS-C2960S-48LPS-L	0		
Switch 2960S FULL Power	WS-C2690S-48FPS-L	1		
Copper SFP	GLC-T	1		

Frost		56		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	34 \$	378.10	\$ 12,855.40
AP 3502	AIR-CAP3502I-A-K9	15 \$	492.10	\$ 7,381.50
AP 3600	AIR-CAP3602I-x-K9	7 \$	568.10	\$ 3,976.70
Switch 2960S	WS-C2960S-48LPS-L	1 \$	2,468.10	\$ 2,468.10
Switch 2960S FULL Power	WS-C2690S-48FPS-L	2 \$	2,848.10	\$ 5,696.20
Copper SFP	GLC-T	3 \$	150.10	\$ 450.30
Network Drops and Installation		56 \$	235.00	\$ 13,160.00
			\$ 45,988.20	\$ 45,988.20

JHS- Jackson High School		128		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	72		
AP 3502	AIR-CAP3502I-A-K9	35		
AP 3600	AIR-CAP3602I-x-K9	21		
Switch 2960S	WS-C2960S-48LPS-L	9		
Switch 2960S FULL Power	WS-C2690S-48FPS-L	5		
Copper SFP	GLC-T	14		

Hunt		56		
Part	Part Number	Quant		
AP 1142	AIR-LAP1142N-A-K9	34 \$	378.10	\$ 12,855.40
AP 3502	AIR-CAP3502I-A-K9	12 \$	492.10	\$ 5,905.20
AP 3600	AIR-CAP3602I-x-K9	10 \$	568.10	\$ 5,681.00
Switch 2960S	WS-C2960S-48LPS-L	5 \$	2,468.10	\$ 12,340.50
Copper SFP	GLC-T	5 \$	150.10	\$ 750.50
Network Drops and Installation		56 \$	200.00	\$ 11,200.00
			\$ 48,732.60	\$ 48,732.60

McCulloch		23			
Part	Part Number	Quant			
AP 1142	AIR-LAP1142N-A-K9	11	\$	378.10	\$ 4,159.10
AP 3502	AIR-CAP3502I-A-K9	10	\$	492.10	\$ 4,921.00
AP 3600	AIR-CAP3602I-x-K9	2	\$	568.10	\$ 1,136.20
Switch 2960S	WS-C2960S-48LPS-L	2	\$	2,468.10	\$ 4,936.20
Copper SFP	GLC-T	2	\$	150.10	\$ 300.20
Network Drops and Installation		23	\$	220.00	\$ 5,060.00
					\$ 20,512.70 \$ 20,512.70



Northeast		57			
Part	Part Number	Quant			
AP 1142	AIR-LAP1142N-A-K9	34	\$	378.10	\$ 12,855.40
AP 3502	AIR-CAP3502I-A-K9	15	\$	492.10	\$ 7,381.50
AP 3600	AIR-CAP3602I-x-K9	8	\$	568.10	\$ 4,544.80
Switch 2960S	WS-C2960S-48LPS-L	6	\$	2,468.10	\$ 14,808.60
Copper SFP	GLC-T	6	\$	150.10	\$ 900.60
Network Drops and Installation		57	\$	200.00	\$ 11,400.00 \$ 11,400.00
					\$ 51,890.90

ERROR

Parkside		112			
Part	Part Number	Quant			
AP 1142	AIR-LAP1142N-A-K9	75			
AP 3502	AIR-CAP3502I-A-K9	26			
AP 3600	AIR-CAP3602I-x-K9	11			
Switch 2960S	WS-C2960S-48LPS-L	14			
Switch 2960S FULL Power	WS-C2960S-48FPS-L	8			
Copper SFP	GLC-T	22			

Sharp Park		18			
Part	Part Number	Quant			
AP 1142	AIR-LAP1142N-A-K9	8			
AP 3502	AIR-CAP3502I-A-K9	6			
AP 3600	AIR-CAP3602I-x-K9	4			
Switch 2960S	WS-C2960S-48LPS-L	2			
Copper SFP	GLC-T	2			

Wilson		23			
Part	Part Number	Quant			
AP 1142	AIR-LAP1142N-A-K9	15	\$	378.10	\$ 5,671.50
AP 3502	AIR-CAP3502I-A-K9	6	\$	492.10	\$ 2,952.60
AP 3600	AIR-CAP3602I-x-K9	2	\$	568.10	\$ 1,136.20
Switch 2960S	WS-C2960S-48LPS-L	4	\$	2,468.10	\$ 9,872.40
Copper SFP	GLC-T	4	\$	150.10	\$ 600.40
Network Drops and Installation		23	\$	200.00	\$ 4,600.00
					\$ 24,833.10 \$ 24,833.10

District Items				Direct in Covered Entities	
Part	Part Number	Quant			
10G SFP Module	SFP-10G-SR	2	\$	568.10	\$ 1,136.20
7500 Series WC	AIRCT7510-500-K9	1	\$	24,698.10	\$ 24,698.10
7500 100 License Ct	L-LICENSE-CT-7500-100A	1	\$	3,988.10	\$ 3,988.10
Copper SFP for Controller	GLC-T	8	\$	150.00	\$ 1,200.00
NCS License for 500 Access Points	L-NCS-1.0-500	1	\$	14,060.00	\$ 14,060.00
NCS License for 50 Access Points	L-NCS-1.0-50-ADD	1	\$	2,012.10	\$ 2,012.10
Installation (Days)		3	\$	1,146.00	\$ 3,438.00
					\$ 50,532.50

Total Cost w/o District Items = \$532,881.50	Percent to FRN	36.6%
	Adistrict Amt to FRN	\$ 18,494.90
	FRN TOTAL	\$ 213,690.60