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Miami-Dade County Public Schools
giving our students the world

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA
SCHOOL BOARD ADMINISTRATION BUILDING
1450 Northeast Second Avenue
Miami, FL 33132

Direct all inquiries to Procurement Management Services:

BUYER NAME: L Leasburg-Kramer
E-MAIL ADDRESS: lleasburg-kramer@dadeschools.net
PHONE: (305) 995-1364
FAX NUMBER 305-523-3367
TDD PHONE (305) 995-2400

BIDDER QUALIFICATION FORM

BID NO. 012-GG04

BID TITLE Wiring, Telecommunication (Furnish and Install, Voice and Data)

Bids will be accepted until 2:00 PM on November 30, 2006 in room 351, School Board Administration building, 1450 NE 2nd Avenue, Miami, FL., 33132, at which time they will be publicly opened. Bids may not be withdrawn for 120 days after opening. (Refer to Instructions to Bidders, para. IV.B.)

THE SUBMISSION OF THE BID BY THE VENDOR, ACCEPTANCE AND AWARD OF THE BID BY THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA, AND SUBSEQUENT PURCHASE ORDERS ISSUED AGAINST SAID AWARD SHALL CONSTITUTE A BINDING, ENFORCEABLE CONTRACT. UNLESS OTHERWISE STIPULATED IN THE BID DOCUMENTS, NO OTHER CONTRACT DOCUMENTS SHALL BE ISSUED.

I. A. BIDDER CERTIFICATION AND IDENTIFICATION

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid; and I certify that I am authorized to sign this bid for the bidder.

B. Vendor certifies that it satisfies all necessary legal requirements as an entity to do business with the School Board of Miami-Dade County, Florida.

II. INDEMNIFICATION

The Bidder shall hold harmless, indemnify and defend the indemnities (as hereinafter defined) against any claim, action, loss, damage, injury, liability, cost or expense of whatsoever kind or nature including, but not by way of limitation, attorney's fees and court costs arising out of bodily injury to persons, including death, or damage to tangible property arising out of or incidental to the performance of this Contract (including goods and services provided thereto) by or on behalf of the Bidder, whether or not due to or caused in part by the negligence or other culpability of the indemnity, excluding only the sole negligence or culpability of the indemnity. The following shall be deemed to be indemnities: The School Board of Miami-Dade County, Florida and its members, officers and employees.

III. PERFORMANCE SECURITY, is required on this bid. YES ☐ NO ☐

Refer to **INSTRUCTIONS TO BIDDERS,** para. VII., and VI.

IF PERFORMANCE SECURITY IS REQUIRED, PLEASE INDICATE THE TYPE TO BE FURNISHED:

Performance Bond ☐ Check (Cashier's, Certified, or equal) ☐

An original, manual signature is required on the Bidder Qualification Form.
(Bidder is requested to use blue ink)
(Do not use pencil)

Legal Name of Vendor _____

Mailing Address _____

City _____ ***State*** _____ ***Zip Code*** _____

Telephone No. _____ ***E-mail address*** _____

By: Signature (Original)
Of Authorized Representative _____ ***Date*** _____

Name (Typed or Printed)
Of Authorized Representative _____ ***Date*** _____

INSTRUCTIONS TO BIDDERS

NOTICE OF ESTABLISHMENT OF A CONE OF SILENCE

The School Board of Miami-Dade County Public schools enacts a *Cone of Silence* from issuance of a solicitation to written recommendation of award. All provisions of School Board Rule 6Gx13-8C-1.212 apply.

I. PREPARATION OF BIDS

A. BIDDER QUALIFICATION FORM qualifies the bidder and the bid and must be completed and submitted as page 1 of the bid.

1. PERFORMANCE SECURITY. The form of performance security the bidder will submit, when required to do so, must be furnished. Performance security shall not be submitted with the bid.

2. BIDDER CERTIFICATION AND IDENTIFICATION. Bid must contain an original manual signature from an authorized representative. An unsigned bid will be considered non-responsive.

B. INSTRUCTIONS TO BIDDERS. Defines conditions of the bid.

1. ORDER OF PRECEDENCE. Any inconsistency in this bid shall be resolved by giving precedence in the following order:

A. Specifications
B. Special Conditions
C. Instructions To Bidders

2. FOR M/WBE designated bids. The SPECIAL CONDITIONS-Minority/Women owned and controlled Business Participation Statement and the M/WBE Certification Application MUST be completed and SUBMITTED with the bid if the bidder is not certified by Miami-Dade County Public Schools. Failure to submit the completed application with the bid will be considered non-responsive.

C. BID PROPOSAL FORM. Defines requirement of items to be purchased, and must be completed and submitted as page 2 and subsequent pages, if any, of the bid. The bidder should indicate his/her name in the appropriate space on each page.

1. ITEM SPECIFICATION. Specifying a certain brand, make or manufacturer is to denote the quality, type, and standard of the article desired. Articles offered must be new merchandise only, of equal or superior grade. On blank lines provided, the bidder is requested to insert the brand name, manufacturer's number and other information necessary to sufficiently identify article offered. Failure to do so may prevent consideration of the item. Also, refer to paragraph *X. Packaging*.

2. PRICES. Prices are requested in units of quantity specified in the bid specifications. In case of a discrepancy in computing the total amount of bid, UNIT PRICE quoted will govern. All prices bid shall include delivery F.O.B. destination, freight prepaid (bidder pays and bears freight charges. Bidder owns goods in transit and files any claims) and shall include all cartage, drayage, packing, etc., delivered to and unloaded at the receiving station at the site designated in BID PROPOSAL FORMS and there received by the designated agent of the Board.

3. TAXES. The Board does not pay Federal Excise and State taxes on direct purchases of tangible personal property. The applicable tax exemption number is shown on the purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of Board-owned real property as defined in Chapter 192 of the Florida Statutes.

II. SUBMITTING OF BIDS

A. BID FORMS AND ENVELOPES. Bids must be submitted on forms furnished by the Board and in sealed envelopes. Envelopes must be clearly marked with bid number, bid title and bid opening.

B. ERASURES OR CORRECTIONS. When filling out the bid proposal form, bidders are required to complete bid proposal in ink.

1. Use of pencil is prohibited.
2. Do not erase or use correction fluid to correct an error.
3. All changes must be crossed out and initialed in ink.

Those bids for individual items that do not comply with items 1, 2 and 3 above will be considered non-responsive for that item(s).

C. PLACE, DATE AND HOUR. Bids shall be submitted by U.S. Mail, Courier/Express Service, or deposited in the BID BOX located in Room 351, 8:00 A.M. to 4:30 P.M., Monday through Friday, SCHOOL BOARD ADMINISTRATION BUILDING, 1450 N.E. Second Avenue, Miami, Florida 33132. Bids received after the date and hour specified in the BIDDER QUALIFICATION FORM will not be considered.

D. PUBLIC ENTITY CRIMES. Section 287.133(2)(a) Florida Statute. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

E. SUBMITTING A "NO BID." If not submitting a bid at this time, return the form entitled "NOTICE TO PROSPECTIVE BIDDERS." Failure to respond, either by submitting a bid or the "NOTICE TO PROSPECTIVE BIDDERS" form for three consecutive times, may result in the company being removed from the School Board's bid list.

F. AVAILABILITY OF BID INFORMATION. Immediately following the public opening, bids will be read, upon request, and then compiled in a tabular form, a copy of which will be available for examination in Procurement Management Services.

III. CANCELLATION OF BIDS OR REQUEST FOR PROPOSALS

An invitation for bids may be canceled, in whole or in part, as may be specified in the solicitation, when it is in the best interest of the Board. The reasons shall be made a part of the master bid file.

A. Prior to opening, a solicitation may be canceled in whole or in part, prior to the date and hour specified in the Bidder Qualification Form for receipt of bids, when the Assistant Superintendent, Procurement Management Services, determines in writing, that such action is in the best interest of the Board for reasons including, but not limited to:

1. The Board no longer requires the supplies, services, or construction;
2. The Board no longer can reasonably expect to fund the procurement;
3. A review of a valid protest filed by a bidder as may be determined by the administrative staff; or
4. Proposed amendments to the solicitation would be of such magnitude that a new solicitation is desirable.

B. When a solicitation is canceled prior to opening, notice of cancellation shall be sent to all businesses solicited, via facsimile or mail, and bids or proposals returned to the vendor unopened.

The notice of cancellation shall:

1. Identify the solicitation;
2. Briefly explain the reason for cancellation; and
3. Where appropriate, explain that an opportunity will be given to compete on any future re-solicitation for procurements of similar supplies, services, or construction.

IV. CHANGE OR WITHDRAWAL OF BIDS

A. **PRIOR TO BID OPENING.** Should the bidder desire to change or withdraw his/her bid, he/she shall do so in writing. This communication is to be received by the District Director, of Procurement Management, Room 352, School Board Administration Building, prior to date and hour of bid opening. The bidders name, the bid number, the bid title and the date the bid is due must appear on the envelope.

B. **AFTER BID OPENING.** After bids are opened, they may not be changed, nor withdrawn, for 90 days after the determined opening date, unless otherwise specified on the "BIDDER QUALIFICATION FORM."

C. **FAILURE TO ACCEPT BID AWARD.** Bidders who, prior to the Bid Award by The School Board of Miami-Dade County, Florida, indicate that they are unable to accept the bid award shall either:

1. Pay to the Board, as liquidated damages, an amount equal to 5% of the unit price bid, times the quantity, or $10, whichever amount is larger, or

2. Lose eligibility to transact new business with the Board for a period of 14 months from the date the Board acts on the withdrawn bid.

V. PROTESTS TO CONTRACT SOLICITATION OR AWARD

A. The Board shall provide notice of a decision or intended decision concerning a solicitation, contract award, or exceptional purchase by electronic posting which can be accessed at the district's website www.dadeschools.net.

B. Any person who is adversely affected by the agency decision or intended decision shall file with the agency a notice of protest in writing within 72 hours after the posting of the notice of decision or intended decision. With respect to a protest of the terms, conditions, and specifications contained in a solicitation, including any provisions governing the methods of ranking bids, proposals, or replies, awarding contracts, reserving rights of further negotiation, or modifying or amending any contract, the notice of protest shall be filed in writing within 72 hours after the posting of the solicitation. The formal written protest shall be filed within 10 days after the date the notice of protest is filed. Failure to file a notice of protest or a formal written protest shall constitute a waiver of these proceedings. The formal written protest shall state with particularity the facts and law upon which the protest is based. Saturdays, Sundays, and state holidays shall be excluded in the computation of the 72-hour time periods established herein.

C. All notice of protests will be reviewed by Procurement Management Services, who will offer the protesting bidder the opportunity to meet and discuss the merits of the protest. If the protest is not resolved, the bidder may seek an administrative hearing pursuant to §120.57 Fla. Stat., by filing a formal written protest within 10 days after filing the notice of protest. Petitions for hearing pursuant to §120.57 Fla. Stat., must be filed in accordance with School Board Rule 6Gx13- 8C-1.064.

VI. AWARDS

A. **RESERVATION FOR REJECTION OR AWARD.** The Board reserves the right to reject any or all bids, to waive irregularities or technicalities, and to request rebids. The Board reserves the right to award on an individual item basis, any combination of items, total low bid or, if an alternate bid is accepted, on such terms as are specified for the alternate bid, whichever manner is in the best interest of the Board.

B. **NOTIFICATION OF INTENDED ACTION** will be posted on the District's website 7-10 days prior to a regularly scheduled Board meeting.

C. **OFFICIAL AWARD DATE.** Awards become official upon the Board's formal approval of the award.

D. **PURCHASE ORDERS.** Purchase orders mailed to successful bidders are the official notification to deliver materials described therein; and the time allowed for delivery begins with the date of the purchase order. In the event that the successful bidder fails to deliver the materials in accordance with the terms and conditions of the bid and purchase order, the bidder shall be considered to be in default of the contract and subject to the default provisions stated in Instructions to Bidders, Section VI. E.

E. **DEFAULT.** A vendor who fails to perform according to the terms of the contract (bid) shall be considered in default. In the event of default, which may include, but is not limited to poor performance and/or non-performance, a vendor shall either (1) pay liquidated damages of 10 percent of the unit price of the item(s) awarded times the quantity when no purchase order has been issued, 10 percent of the purchase order when a purchase order has been issued or $100, whichever is greater or (2) lose eligibility to transact new business with the Board for a period of 14 months from date of termination of award by the Board. Bidders that are determined ineligible may request a hearing pursuant to Chapter 120 of the Florida Statutes, and School Board Rule 6Gx13- 8C-1.064.

F. The intent of the bid documents is to include only the written requirements for materials, equipment, systems, standards and workmanship necessary for the proper execution and completion of the work by the Bidder. The bid documents shall not be construed to create an entitlement to any other scope of work except as specified herein.

VII. PERFORMANCE SECURITY (FOR SUCCESSFUL BIDDERS ONLY)

A. **PURPOSE.** A performance bond or check may be required to guarantee performance.

B. **BONDING COMPANY.** Performance Bonds shall be written through a reputable and responsible surety bond agency licensed to do business in the State of Florida and with a surety company or corporation meeting both of the following specifications:

1. Awards Greater than $500,000

A minimum rating in the latest revision of Best's Insurance Reports of:

Contract Amount	Minimum Rating by A.M. Best
$ 500,000.01 to $ 2,500,000	None
$ 2,500,000.01 to $ 5,000,000	B + or NA-3
	No Minimum Class
$ 5,000,000.01 to $10,000,000	A- Class IV
$10,000,000.01 or more	A- Class V

Current certificate of authority as acceptable surety on Federal Bonds in accordance with the latest edition of the United States Treasury Department Circular 570 entitled "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" shall be accepted for an amount not exceeding the underwriting limitation thereon.

2. Awards of $500,000 or Less

Bonds shall be written with a surety company or corporation meeting the qualifications as set forth in Paragraph VII.B. above or the qualifications set forth in section 287.0935, Florida Statutes.

C. **AMOUNT.** When required as defined herein, the firm or individual(s) to whom an award has been made shall execute and deliver to The School Board of Miami- Dade County, Florida, a Performance Bond, Cashier's/Certified Check, or equal.

1. Awards less than $200,000 shall be exempt from performance security.

2. Performance security shall not be required, unless otherwise defined in the bid specifications. If performance security is required, it shall equal 100% of the award amount.

D. **RELEASE OF PERFORMANCE SECURITY.** Return to the Awardee of his/her cash security, or notification to the Awardee and the bonding company to cancel the performance bond, will be made when all goods/services have been accepted and invoices have been approved for payment

VIII. SAMPLES

When bid samples are required, the buyer will notify bidder to submit samples of the items bid in accordance with the following procedures:

A. All samples must be identified with the bidder's name, bid number, item number, and product name and number. Where non-compliance with this requirement is noted, said item may be considered as being unidentifiable and may not be eligible for consideration in the award recommendation.

B. All samples are to be delivered within 7 calendar days after receipt of notification from buyer, unless otherwise stated in the Special Conditions of the bid. If the bidder does not submit samples by the date and time indicated by the buyer, the bid submitted for that item may not be considered for award.

C. Bidder must obtain, from Materials Testing and Evaluation, a signed receipt acknowledging delivery of samples. Bidder shall include a self-addressed, stamped envelope for return of sample receipt when submitting samples by mail or delivery service. The bidder will receive the original copy of the receipt and the duplicate copy will remain with the Miami-Dade County Public Schools receiving department as the file copy. Bidder shall be solely responsible for delivery of samples and for retaining sample delivery receipts, which must be presented in any dispute regarding receipt of bid samples.

D. Samples should be delivered to the following address:

MIAMI-DADE COUNTY PUBLIC SCHOOLS
MATERIALS TESTING AND EVALUATION
7040 West Flagler Street
Miami, Florida 33144
Telephone Number: 786-275-0780

Miami-Dade County Public Schools will not be responsible for samples sent to a location other than the location mentioned in the bid.

E. PAYMENT FOR SAMPLES. The Board will buy no samples and will assume no cost incidental thereto.

F. RETURN OF SAMPLES. Samples not destroyed in testing may be claimed by unsuccessful bidders 14 days after bid award date and by successful bidders 14 days after final payment; but the Board will assume no responsibility for samples not claimed within the time specified, and it will pay for no samples damaged in testing.

G. EVALUATION AND TEST RESULTS. If a sample submitted for testing does not comply, the buyer will advise the bidder to contact Materials Testing and Evaluation for further details.

IX. SUBSTITUTIONS

Should the bidder find it necessary to use a material, equipment, product or system other than specified, the bidder shall secure from the Board, through Procurement Management Services, written approval for the use of the alternate materials, equipment, product or system. The Board is not obligated to approve requests for substitutions and has the discretion to require the bidder to provide the materials as specified in the bid documents. In no case shall the bidder be entitled to additional time and/or money arising out of the Board's failure to approve requests for substitutions.

X. PACKAGING

A. TYPE. If packaging is different from that specified, the bidder must note the manner and amounts in which packaging is to be made; otherwise the successful bidder shall furnish packaging as specified. All packaging, wrapping and bundling shall be adequate to insure that materials will be received in undamaged condition. The Board assumes no responsibility for damages of any kind incurred in transit.

B. CONTAINER IDENTIFICATION. The following identification shall be printed, stenciled or legibly written in a conspicuous location on each shipping container:

1. BID NUMBER AND/OR PURCHASE ORDER NUMBER
2. VENDOR'S NAME AND/OR TRADEMARK
3. NAME(S) OF ITEM(S) CONTAINED
4. ITEM NUMBER(S) WITH QUANTITY(IES)

XI. PURCHASES BY OTHER PUBLIC AGENCIES

With the consent and agreement of the successful bidder(s), purchases may be made under this bid by Miami Dade County, Florida, and other governmental agencies or political subdivisions within the State of Florida. Such purchases shall be governed by the same terms and conditions stated herein. This agreement in no way restricts or interferes with the right of any State of Florida Agency or political subdivision to rebid any or all of these items.

XII. RECYCLING REQUIREMENTS

Miami-Dade County Public Schools supports recycling and recommends the use of recycled products where possible. Vendors are requested to submit a letter, along with their bid, indicating whether each item bid and/or its packaging contains pre-consumer or post-consumer waste, and if the product and/or packaging may be recycled.

XIII. ENVIRONMENTAL PRODUCTS

Miami-Dade County Public Schools encourages the use of environmentally safe products.

XIV. DELIVERY AND BILLING

A. DELIVERY. Saturdays, Sundays, and holidays excepted, deliveries shall be made as follows: Schools and Departments - 8:00 A.M. to 3:00 P.M. Merchandise shall be unloaded at the receiving station of the designated delivery point and received there by a designated agent of the Board. A delivery ticket, or one copy of the invoice, prepared as indicated below, shall accompany each delivery.

B. RECEIVING INSPECTION AND TESTING. Delivered items which do not fulfill all requirements will be rejected. Rejected items shall be removed and replaced promptly by the vendor, at no cost to the purchaser.

C. INVOICES. Each invoice shall be issued by the successful bidder and shall be submitted in DUPLICATE to the Accounts Payable Section, P.O. Box 01-2570, Miami, Florida 33101. To be considered for payment, each invoice must show the following information, which appears on the Purchase Order:

1. Purchase Order Number
2. Item Descriptions
3. Quantities and Units
4. Price Extensions
5. Total price of all items on invoice

D. PAYMENT. Unless otherwise specified by Miami-Dade County Public Schools, payment will be made only after delivery, authorized inspection, and acceptance. Payment will be made only to the successful bidder, unless otherwise requested, in writing, by the successful bidder and accepted by Miami-Dade County Public Schools Administration. When bidders are directed to send invoices to a school, the school will make directed payment to the bidder.

XV. NO GRATUITY POLICY

It is the policy of Procurement Management Services not to accept gifts, gratuities, or favors of any kind, or of any value whatsoever, from vendors, members of their staffs, or families.

XVI. COMPLIANCE WITH STATE/FEDERAL REGULATIONS

A. All contracts involving federal funds will contain certain provisions required by applicable sections of Title 34, Section 80.36(I) and Section 85.510 Code of Federal Regulations and are included by reference herein. The vendor certifies by signing the bid that the vendor and his/her principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in federally funded transactions and may, in certain instances, be required to provide a separate written certification to this effect.

During the term of any contract with the Board, in the event of debarment, suspension, proposed debarment, declared ineligible or voluntarily excluded from participation in federally funded transactions, the vendor shall immediately notify the Assistant Superintendent, Procurement Management Services, in writing. Vendors will also be required to provide access to records, which are directly pertinent to the contract and retain all required records for three years after the Board makes final payment.

B. For all contracts involving Federal funds in excess of $10,000, the Board reserves the right to terminate the contract for cause, as well as for convenience, by issuing a certified notice to the vendor.

XVII. COMPLIANCE WITH LAWS

Bidders shall comply with all federal, state of Florida and local laws applicable to it and the performance of its obligations under this bid.

XVIII. BACKGROUND SCREENING REQUIREMENTS

In accordance with the requirements of sections 1012.32, 1012.465, and 435.04, Florida Statutes (2004) as well as with the requirements of HB 1877, The Jessica Lunsford Act (2005), effective September 1, 2005, Bidder agrees to certify under oath and penalty of perjury by completing the attached Sworn Statement Pursuant to Sections 1012.32, 1012.465, and 435.04, Florida Statutes (2004) and HB 1877, The Jessica Lunsford Act (2005), which is incorporated fully herein by reference, that Bidder and all of its employees who provide or may provide services under this Agreement have completed all background screening requirements as outlined in the above-referenced statutes.

Additionally, Bidder agrees that each of its employees, representatives, agents, subcontractors or suppliers who are permitted access on school grounds when students are present, who have direct contact with students or who have access to or control of school funds must meet level 2 screening requirements as described in sections 1012.32 and 435.04, Florida Statutes, and further upon obtaining level 2 clearance, must obtain a required Board issued photo identification badge which shall be worn by the individual at all times while on Board property when students are present.

Bidder agrees to bear any and all costs associated with acquiring the required background screening – including any costs associated with fingerprinting and obtaining the required photo identification badge. Bidder agrees to require all its affected employees to sign a statement, as a condition of employment with Bidder in relation to performance under this Agreement (bid), agreeing that the employee will abide by the heretofore described background screening requirements, and also agreeing that the employee will notify the Bidder/Employer of any arrest(s) or conviction(s) of any offense enumerated in s. 435.04, Florida Statutes within 48 hours of its occurrence.

Bidder agrees to provide the Board with a list of all of its employees who have completed background screening as required by the above-referenced statutes and who meet the statutory requirements contained therein. Bidder agrees that it has an ongoing duty to maintain and update these lists as new employees are hired and in the event that any previously screened employee fails to meet the statutory standards. Bidder further agrees to notify the Board immediately upon becoming aware that one of its employees who was previously certified as completing the background check and meeting the statutory standards is subsequently arrested or convicted of any disqualifying offense. ***Failure by Bidder to notify the Board of such arrest or conviction within 48 hours of being put on notice and within 5 business days of the occurrence of a qualifying arrest or conviction, shall constitute grounds for immediate termination of this Agreement(bid) by the Board.***

Failure by Bidder to perform any of the duties described in this section shall constitute a material breach of the Agreement (bid) and default entitling the Board to utilize the provisions of section VI. E of this bid as well as entitling the Board to terminate the Agreement(bid) immediately with no further responsibility for the Board to make payment or perform any other duties under this Agreement (bid).

XIX. COMPLIANCE WITH SCHOOL CODE

Bidder agrees to comply with all sections of the Florida K-20 Education Code, Title XLVIII, Florida Statutes as it presently exists, and further as it may be amended from time to time. Further Bidder agrees that failure to comply with the Florida K-20 Education Code shall constitute a material breach of this Agreement (bid) and may result in the termination of this Agreement (bid) by the Board.

XX. CHARTER SCHOOLS

Items or Services awarded under this contract shall be made available to Charter Schools approved by the School Board of Miami-Dade County Public Schools. M-DCPS is not responsible or liable for purchases that may be made by Charter Schools.

XXI. CONFLICT OF INTEREST

Former Miami-Dade County Public Schools employees, classified as Managerial Exempt Personnel, Pay Grade 22 and above, Dade County School Administrators Association, Pay Grade 47 and above, and other equivalent positions, are prohibited from personally representing another person or entity or acting as an agent or attorney for compensation in connection with any matter in which The School Board of Miami-Dade County, Florida, is interested, for two years after the School Board employees' service terminates. This provision is pursuant to School Board Rule 6Gx13 – 4A-1.212 and Florida Statute § 112.313(9).

XXII. PUBLIC RECORDS LAW

Pursuant to Florida Statute, it is the practice of M-DCPS to make available for public inspection and copying any information received in response to an Invitation to Bid or Request for Proposals (RFP). No action on the part of the respondent to a Bid or RFP will create an obligation of confidentiality on the part of the School Board, including but not limited to, making a reference in the response to the trade secret statutes. It is recommended that potential suppliers exclude from their response any information that, in their judgment, may be considered a trade secret.

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

SUPERINTENDENT OF SCHOOLS

FROM: _____
_____
_____

AFFIX
POSTAGE
HERE

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA
PROCUREMENT MANAGEMENT SERVICES
ROOM NO. 352 BID BOX
1450 N.E. 2ND AVENUE
MIAMI, FLORIDA 33132

BID NO.: 012-GG04
BID TITLE: Wiring, Telecommunication
BID OPENING DATE: November 30, 2006

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA
Procurement Management Services

NOTICE OF PROSPECTIVE BIDDERS

NO BID

If not submitting a bid at this time, for informational purpose only, detach this sheet from the bid documents, complete the information requested, fold as indicated, staple, affix postage and return address, and mail. NO ENVELOPE IS NECESSARY.

NO BID SUBMITTED FOR REASON(S) CHECKED AND/OR INDICATED:

Our company does not handle this type of product/service.
We cannot meet the specifications nor provide an alternate equal product.
Our company is simply not interested in bidding at this time.
OTHER, (Please specify)_____

We do not want to be retained on your mailing list for future bids for this type or product and/or service.

Signature _____

Title _____

Company_____

NOTE: **Failure to respond, either by submitting a bid or this completed form, may result in your company being removed from the School Board's bid list. To qualify as a respondent to the bid, vendor must submit a** *NO BID.*

Vendor Information Sheet

1A. _____

Federal Employer Identification Number

Or _____

Owner's Social Security Number

1B. _____

Name of Firm, Individual(s), Partners or Corporation

_____

Street Address

_____

City State Zip Code

2. Telephone/Fax/Contact Person

_____

Telephone number

_____

Fax number

_____

Contact Person

_____

E-mail address

3. Ownership Disclosure

If the contract or business transaction is with a corporation, partnership, sole proprietorship,or joint venture, the full legal name and business address shall be provided for the chief **officer,** director, or owner who holds, directly or indirectly the majority of the stock or ownership. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee and each beneficiary. **Post Office addresses are not acceptable**.

Name	Title	Address	Gender	Race-ethnicity	Stock Ownership

NOTE: The information provided by the vendor on this form should be consistent with that provided on the "Vendor's Application". All vendors must have a current vendor's application on file with M-DCPS, and have provided information and/or be familiar with M-DCPS' policy regarding the following: (a) Employment Disclosure, (b) Drug Free Workplace, (c) Family Leave Policy, (d) Code of Business Ethics, (e) Conflict of Interest, (f) Perception, (g) Gratuities, and (h) Business Meals. Failure to provide M-DCPS a current vendor application may cause the vendor not to be awarded any new business with M-DCPS.
Vendor applications can be downloaded at: http://procurement.dadeschools.net

Miami-Dade County Public Schools

SWORN STATEMENT - NEW CONTRACTS

ATTACHMENT ____

SWORN STATEMENT PURSUANT TO SECTION 1012.465,
FLORIDA STATUTES AS AMENDED BY
HB 1877, THE JESSICA LUNSFORD ACT

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to The School Board of Miami-Dade County, Fl

   (Hereinafter "Board" or "School Board") by_____

   _____
   (Print individual's name and title)

   for _____
   (Print Name of entity submitting sworn statement)

   whose business address is _____

   _____

   _____

   and its Federal Employer Identification Number (FEIN) is _____. If the entity has no FEIN, include the Social Security Number (SSN) of the individual signing this sworn statement and so indicate.

2. I, _____, am duly authorized to make this
   (Print individual's name and title)
   sworn statement on behalf of _____.
   (Print Name of entity submitting sworn statement)

3. I understand that during the 2005 Legislative Session, House Bill 1877, The Jessica Lunsford Act (hereinafter "The Act" or "Act") was passed and approved by Governor Bush on May 2, 2005, with an effective date of September 1, 2005.

_____
Initials

4. I understand that the Act amends the background screening requirements of section 1012.465, Florida Statutes (2004) for all non-instructional school district employees or "**contractual personnel**" by requiring all non-instructional school district employees or contractual personnel who are permitted access on school grounds when students are present to undergo and pass "level 2 background screening," and further I understand the Act defines **"contractual personnel"** to include any vendor, individual, or entity under contract with the Board.

5. I understand that pursuant to section 1012.465, Florida Statutes as amended by the Act, non-instructional school district employees or contractual personnel who are permitted access on school grounds when students are present, who have direct contact with students or who have access to or control of school funds must meet level 2 screening requirements as described in sections 1012.32 and 435.04, Florida Statutes.

6. I understand that as a _____(*eg*. a private bus
Type of entity
service contractor) all contractual personnel, as defined in section 1012.465, Florida Statutes, must meet level 2 screening requirements as outlined in sections 1012.32 and 435.04, Florida Statutes in order to do business with The School Board of Miami-Dade County, Florida.

7. I understand that "level 2 screening requirements," as defined in sections 1012.32 and 435.04, Florida Statutes means that fingerprints of all contractual personnel must be obtained and submitted to the Florida Department of Law Enforcement for state processing and to the Federal Bureau of Investigation for federal processing.

8. I understand that the School Board will implement local procedures to comply with level 2 screening requirements, as defined in sections 1012.32 and 435.04. I understand that my company must comply with these local procedures as they are developed.

9. I understand that any costs and fees associated with the required background screening will be borne by my company.

10. I understand that any personnel of the contractor found through fingerprint processing and subsequent level 2 background screening to have been found guilty of, regardless of adjudication, or entered a plea of nolo contendere or guilty to any offense outlined in Section 435.04, Florida Statutes (or any similar statute of another jurisdiction), shall not be permitted to come onto school grounds or any leased premises where school-sponsored activities are taking place when students are present, shall not be permitted direct contact with students, and shall not be permitted to have access to school district funds.

_____
Initials

11. I understand that the failure of <u>any</u> of the company's or my affected personnel to meet level 2 screening standards as required by section 1012.465, Florida Statutes, may disqualify my company from doing business with The School Board of Miami-Dade County, Florida.

12. I hereby certify that the foregoing statement is true and correct in relation to the company for which I am submitting this sworn statement. I further certify that this statement is being given knowingly and voluntarily by me on behalf of my company.

The company submitting this sworn statement agrees to be bound by the provisions of SECTIONS 1012.32, 1012.465, AND 435.04 OF THE FLORIDA STATUTES AS AMENDED BY HB 1877, THE JESSICA LUNSFORD ACT 2005.

I CERTIFY THAT THE SUBMISSION OF THIS FORM TO THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA ON BEHALF OF THE COMPANY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE BINDS THE COMPANY TO FULLY COMPLY WITH THE BACKGROUND SCREENING REQUIREMENTS OF SECTIONS 1012.32, 1012.465, AND 435.04, FLORIDA STATUTES.

_____
(Signature)

Sworn to and subscribed before me this _____ day or _____, 20___.

Personally known _____ _____

OR Produced Identification _____

Notary Public -State of _____

_____
(Type of Identification)

My commission expires _____

_____
(Printed typed or stamped commissioned name of notary public)

_____
Initials

INDEMNIFICATION AND INSURANCE

In consideration of this Contract, if awarded, the Vendor agrees without reservation to the indemnification and insurance clauses contained herein. These clauses are attached to and form a part of **Bid#012-GG04**

INDEMNIFICATION

The Vendor shall hold harmless, indemnify and defend the indemnitees (as hereinafter defined) against any claim, action, loss, damage, injury, liability, cost or expense of whatsoever kind or nature including, but not by way of limitation, attorneys' fees and court costs arising out of bodily injury to persons including death, or damage to tangible property arising out of or incidental to the performance of this Contract (including goods and services provided thereto) by or on behalf of the Vendor, whether or not due to or caused in part by the negligence or other culpability of the indemnitee, excluding only the sole negligence or culpability of the indemnitee. The following shall be deemed to be indemnitees: The School Board of Miami-Dade County, Florida and its members, officers and employees.

INSURANCE

Prior to being recommended for award, the Vendor has five business days after notification to submit proof of insurance as required herein. **If the Vendor is not the installer of the equipment in question, then the Vendor must obtain evidence of the coverages referenced below from the Installer and submit evidence of such to the Office of Risk and Benefits Management**. Failure to submit a fully completed certificate of insurance signed by an authorized representative of the insurer providing such insurance coverages may cause the Vendor to be considered non-responsive and not eligible for award of the Contract. The insurance coverages and limits shall meet, at a minimum, the following requirements:

1. Commercial General Liability Insurance in an amount not less than $300,000 combined single limit per occurrence for bodily injury and property damage.

2. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the operations of the Vendor, in an amount not less than $300,000 combined single limit per occurrence for bodily injury and property damage.

3. Workers' Compensation Insurance for all employees of the Vendor as required by Florida Statutes.

   "The School Board of Miami-Dade County, Florida and its members, officers and employees" shall be an additional insured on all liability coverages except Workers' Compensation Insurance.

The insurance coverage required shall include those classifications, as listed in standard liability insurance manuals, which most nearly reflect the operations of the Vendor.

All insurance policies shall be issued by companies with either of the following qualifications:

(a) The company must be (1) authorized by subsisting certificates of authority by the Department of Insurance of the State of Florida or (2) an eligible surplus lines insurer under Florida Statutes. In addition, the insurer must have a Best's Rating of "B+" or better and a Financial Size Category of "IV" or better according to the latest edition of Best's Key Rating Guide, published by A.M. Best Company.

or

(b) with respect only to the Workers' Compensation insurance, the company must be (1) authorized as a group self-insurer pursuant to Florida Statutes or (2) authorized as a commercial self-insurance fund pursuant to Florida Statutes.

Neither approval nor failure to disapprove the insurance furnished by the Vendor to the School Board shall relieve the Vendor of the Vendor's full responsibility to provide insurance as required by this Contract.

The Vendor shall be responsible for assuring that the insurance remains in force for the duration of the contractual period; including any and all option years that may be granted to the Vendor. The certificate of insurance shall contain the provision that the School Board be given no less than thirty (30) days written notice of cancellation. If the insurance is scheduled to expire during the contractual period, the Vendor shall be responsible for submitting new or renewed certificates of insurance to the School Board at a minimum of fifteen (15) calendar days in advance of such expiration.

Unless otherwise notified, the certificate of insurance shall be delivered to:

Miami-Dade County Public Schools
Office of Risk and Benefits Management
1500 Biscayne Boulevard, Suite 127
Miami, Florida 33132

The name and address of Miami-Dade County Public Schools, as shown directly above, must be the Certificate Holder on the certificate of insurance.

The Vendor may be in default of this Contract for failure to maintain the insurance as required by this Contract. Any questions and/or inquiries regarding these requirements should be directed to Ms. La-Chane Clark at 305- 995-7133.

MIAMI-DADE COUNTY PUBLIC SCHOOLS

BID PROPOSAL FORM *(FORMAT A)* TO: THE SCHOOL BOARD OF MIAMI-DADE COUNTY FLORIDA

BID	BUYER	PAGE
012-GG04	L. Leasburg-Kramer	SC 1
TITLE		
Wiring, Telecommunication (Furnish and Install, Voice and Data)		

SPECIAL CONDITIONS

1. **PURPOSE:** The purpose of this bid is to establish a contract, at firm unit prices, to furnish materials and labor to install wiring for voice and data systems and to provide underground conduit and raceway in schools and other buildings for the School Board of Miami-Dade County (M-DCPS). The term of the bid shall be from February 1, 2007, through June 30, 2009 and may, by mutual agreement between The School Board of Miami-Dade County, Florida and the awardee, upon final School Board approval, be extended for three (3) additional one year period(s) and, if needed, 90 days beyond the expiration date of the current contract period. The Board, through Procurement Management Services, may if considering extending, request a letter of intent to extend from the awardee, prior to the end of the current contract period. The awardee(s) will be notified when the Board has acted upon the recommendation. The successful vendor(s) agrees to this condition by signing its bid.

2. **AWARD:** The School Board of Miami-Dade County may award the contract to the five (5) lowest responsive, responsible bidders meeting specifications per Group. Vendors must bid all items in a Group to be considered for award. Groups are identified as : Group I: Wiring and Conduit (Items 1 through 250) and Group II: Trenching and Boring (Items 251 through 326)

   Information Technology Services and Procurement Management will determine the low bidders by applying the unit prices, as given in the Bid Proposal Form Price Sheets, to a matrix based on projects recently installed. Each bidder's Bid Proposal Form Price Sheets shall be applied to the same criteria. All the materials used in the calculation shall be taken from the price sheets. Up to five (5) bidders, per Group, providing the lowest cost for the material, labor and meeting all other criteria herein may be awarded the contract. M-DCPS reserves the right, before awarding this contract, to require bidders to submit their qualifications.

   As the need arises, the awarded vendors will be requested to submit quotations for any single job exceeding the quotation threshold as established by Miami-Dade County Public Schools' Board Rule 6Gx13-3C-1.111, BIDDING PROCESS -- COMPETITIVE BIDDING REQUIREMENTS, paragraph II, (B), or any amendment thereof. Quotations will be valid for the period indicated on the quote sheet. Quotations will be evaluated and the lowest responsive and responsible bidder awarded the specific job. Vendor may provided lower Hourly Labor Rates but may not increase rate provided on bid submission and may provide higher discounts off list, but not lower, than those provided on the bid submission. Single jobs under the quotation threshold, will be awarded to the low vendor of award for this contract. If the vendor is unable to complete, due to current volume of assigned work, the District reserves the right to rotate among the other vendors of award. Each vendor will be utilized as determined by M-DCPS.

3. **PRE-BID CONFERENCE:** A pre-bid conference will be held **Wednesday, November 9, 2006 at 1:30 PM** in lecture room #1 at Information Technology Services, 13135 SW 26 Street, Miami, FL 33175. Pre-Bid Conference attendance by the bidder or his qualified representative is highly recommended for bid acceptance.

4. **PRICES:** Prices shall be firm and fixed during the initial term of the contract. At the end of the first initial 180 days in the contract period and every 180 day period thereafter, prices may be adjusted to establish a current price for the upcoming contract period. The prices (Catalog Price Lists, Vendor Price lists, Hourly

SPECIAL CONDITIONS CONTINUED

Labor Rates etc.) may be increased or decreased not to exceed the percentage published monthly by the United States Bureau of Labor. Calculations will be based on the PPI Index for the latest month available at
the time of renewal. Percentage discounts may not be reduced during the contract period but may be increased. Prices submitted by the awarded vendors after the initial contract period and during any extension period will determine the Primary vendor for that contract period.

5. **E-RATE PROGRAM PARTICIPATION AND INVOICING PROCEDURES:**

A. Where M-DCPS purchases are made using available E-rate funding, the selected Contractor will be required to submit their Service Provider Invoice ("SPI") to the District after services and/or equipment have been delivered, installed and are operational but before any submission to the Universal Service Administrative Company ("USAC") for reimbursement.

B. The SPI will be a complete invoice of all services and equipment and will reflect all charges to M-DCPS and to USAC. This single and consolidated invoice will contain a comprehensive itemized breakdown of all charges and clearly set forth the appropriate percentage of payments due from USAC and M-DCPS respectively.

C. The SPI will also be required to show an itemized breakdown of all eligible and ineligible equipment and/or services being procured in accordance with the corresponding M-DCPS purchase order.

D. The Contractor will only be permitted to submit an SPI for reimbursement to USAC once M-DCPS has reviewed and has returned a signed approval of said SPI to Contractor. All SPIs will be reviewed within 14 calendar days of receipt by the M-DCPS Director of the E-Rate Program.

E. If, in the course of M-DCPS' review of any SPI, M-DCPS finds any variances between those items delivered and those for which a bill is being submitted, the M-DCPS E-Rate staff will notify the Contractor that they have not approved the SPI and will indicate which items need to be modified. Once any variances are corrected, the Contractor must resubmit the SPI to the M-DCPS Director of the E-Rate Program for their approval. M-DCPS will again have 14 calendar days to review the SPI.

F. Contractor agrees that, at any time, M-DCPS is free to verify with USAC that only those M-DCPS approved SPIs have been submitted to USAC for reimbursement. Any indication that non-approved SPIs have been submitted to USAC will be considered a material breach of the terms of the contract. Additionally, M-DCPS will, upon becoming aware of any non-approved SPI submissions, notify USAC so that they may take any additional steps available to them to prevent waste, fraud and abuse within the program.

G. Damages assessed to the Contractor for submission of a non-approved SPI may include and are not limited to suspension of the contract, termination of the contract, damages in the amount of the overpayments made to Contractor by M-DCPS or USAC, or suspension or disbarment from participation in the E-Rate program. In no way shall this contract modify or limit the rights of USAC against the Contractor.

SPECIAL CONDITIONS CONTINUED

6. **BACKGROUND SCREENING REQUIREMENTS:** In accordance with the Instructions to Bidders, Section XVIII. – Background Screening Requirements, bidders are to complete the Sworn Statement – New Contracts. A copy of The Sworn Statement – New Contract forms is attached and is requested to be submitted with the bid.

7. **UL/CSA/ETL APPROVAL:** All electrical equipment shall bear the approval symbol or name of Underwriters' Laboratories, Inc., The Canadian Standards Association or ETL Testing Laboratories.

8. **DELIVERY:** Delivery and installation shall be completed within 30 days after receipt of purchase order, or as otherwise indicated on the purchase order. All deliveries and installation will be made to schools and departments as indicated on each purchase order.

9. **INSURANCE REQUIREMENTS:** Successful vendor(s) are required to have insurance coverage, as specified in the indemnity and insurance form(s), attached hereto and made a part of this bid. The successful vendor(s) must submit completed certificate of insurance form(s), before being recommended for award. Failure to submit this form(s), as noted, will result in the vendor(s) not being recommended for the bid award.

10. **WARRANTY:** The warranty for equipment, installation and service is defined in 2.6 Warranty, of the attached Specifications.

11. **SITE INSPECTION:** Prospective bidders are encouraged to make site inspections of some typical M-DCPS schools to familiarize themselves with the unique environment where the work is to take place and to establish work procedures to minimize disruption at schools and other locations. Bidders must contact, ISS Annex, at (305) 995-3588 David LaBrie, to schedule site inspections. Scheduling of visits to the various locations will be coordinated to insure access and to review specifications regarding normal workload, average job size, problems, safety considerations, or other conditions that are unique to the Miami-Dade County Public School System. Failure to consider these conditions shall not entitle the awarded vendor to additional compensation after the bid has been awarded.

12. **NEW EQUIPMENT:** This bid shall be for new equipment only. Newly manufactured containing used or rebuilt parts, remanufactured, rebuilt, reconditioned, newly re-manufactured, used; shopworn, demonstrator or prototype equipment is not acceptable and will be rejected.

13. **CODES AND PERMITS:** All work performed and materials used shall comply with all applicable federal, state and local codes, laws, ordinances and regulations. The successful vendor(s) shall be responsible for all necessary licenses and permits, as may be required.

14. **MANUFACTURER'S CERTIFICATION:** In the event a bid is submitted by other than the equipment manufacturer, a certification executed by the manufacturer **shall be required stating the bidder is an authorized representative** of the manufacturer

15. **NON-EXCLUSIVITY:** MDCPS reserves the right to procure the items herein described in any manner it sees fit, including, but not limited to, awarding of other contracts, and use of contracts awarded by GSA, the State of Florida, any other county or municipality, or authorized contract, whichever is considered to be in the best interest of the Board.

SPECIAL CONDITIONS CONTINUED

16. **VENDOR INFORMATION SHEET**: All bidders are requested to complete the attached Vendor Information Sheet. In order to conduct new business under the bid, M-DCPS requires that the vendor(s) have a current vendor application on file. The information on both documents must be consistent. Failure to comply with this condition may cause the Bidder(s) not be awarded any new business. Vendor applications can be downloaded at http://procurement.dadeschools.net.

17. **OCCUPATIONAL LICENSE**: Any person, firm, corporation or joint venture, with a business location in Miami-Dade County, Florida, which is submitting a bid, shall meet the County's Occupational License Tax requirements in accordance with Chapter 8A, Article IX of the Code of Miami-Dade County, Florida. Bidders with a location outside Miami-Dade County shall meet their local Occupational Tax requirements. A copy of the license is requested to be submitted with the Bid Proposal. If the Bidder has already complied with this requirement, a new copy is not required while the license is valid and in effect. It is the Bidder's responsibility to resubmit a copy of a new license after expiration or termination of the current license. Non-compliance with this condition may cause the bid not to be considered for award.

18. **BID SUBMITTALS:** Bidders are requested to submit one original and seven (7) copies of their bid. Bidders are required to submit, with their bid package, all supporting documentation requested in the attached specifications. Failure to provide documentation with the bid may result in the bid not to be considered for award. They include but are not limited to:

- Signed Bidders Qualification Form
- Bid Proposal Form Price Sheets
- Vendor Information Sheet
- Sworn Statement – New Contracts
- Proof of a minimum of seven years experience in installing telecommunications wiring systems, Specification 1.4
- Proof of Low Voltage Contractor License, Specification 1.5
- Proof of work history, with dates, clients with their contact information, Specification 1.4.
- Manufacturer certifications, if applicable as per Specification 1.6.
- Escalation Chart for Problem resolution.
- Occupational License as defined in Special Condition 17.
- List of employees classified and certifications if applicable (Installer, Technician, Engineer, Cable Splicer, Electrician, Foreman, and Equipment Operator) as per Specification 2.6.4 and 2.7.1.

SPECIAL CONDITIONS CONTINUED

- A Price catalog for additional equipment via hard copy or on CD or Jump Drive.

19. **CONE OF SILENCE:** A Cone of Silence is applicable to this competitive solicitation. Any inquiry, clarification, or information regarding this bid must be requested, **in writing, by FAX or E-mail to:**

A COPY OF THIS WRITTEN REQUEST MUST BE SENT SIMULTANEOUSLY TO:

Linda Leasburg-Kramer, Supervisor
Procurement Management Services
Miami-Dade County Public Schools
1450 N.E. 2ND Avenue, Room 352
Miami, Florida 33132
Fax #305-523-3362
E-Mail: lleasburg-kramer@dadeschools.net

Ileana Martinez, School Board Clerk
Miami-Dade County Public Schools
1450 N.E. 2ND Avenue, Room 268B
Miami, Florida 33132
Fax #305-995-1448
E-Mail: martinez@dadeschools.net

DEADLINE FOR ANY INQUIRY, CLARIFICATION, OR INFORMATION REGARDING THIS BID IS NOVEMBER 13, 2006 TO ALLOW MDCPS SUFFICIENT TIME TO ADDRESS ALL INQUIRIES

20. **ERASURES OR CORRECTIONS:** When filling out the Bid Proposal Form, bidders are required to complete bid proposal in ink.

1. Use of pencil is prohibited.
2. Do not erase or use correction fluid to correct an error.
3. All changes must be crossed out and initialed in ink.

Those bids for individual items that do not comply with items 1, 2 and 3 above will be considered non-responsive for that item(s).

The School Board of Miami-Dade County, Florida
Bid # 012-GG04
Wiring, Telecommunication (Furnish and Install, Voice and Data)
SPECIFICATIONS

1.0 GENERAL

1.1 This bid is intended to solicit bids from wiring contractor(s) to furnish materials and labor to install wiring for voice and data systems and to provide underground conduit and raceway in schools and other buildings for the School Board of Miami-Dade County (M-DCPS). The wiring includes copper wires and cables of various sizes and optic fiber cable of various sizes. Installation may be underground or above ground and may or may not be in conduit.

1.2 This bid shall establish a contract at firm unit prices for the purchase of estimated requirements for the items listed, in Group I and Group II. All prices shall be firm during the first 180 days of the contract. At the end of the initial contract period, prices may be increased or decreased not to exceed the Producer Price Index percentage published monthly by the United States Bureau of Labor. Calculations will be based on the index for the latest month available at the time of renewal.

1.3 In determining the low bidders, Information Technology Services (ITS) Network Expansion Services shall apply the unit prices, as given in the Bid Proposal Form Price Sheets in the bids, to a matrix based on projects recently installed. Each bidder's Bid Proposal Form Price Sheets shall be applied to the same criteria. All the materials used in this calculation shall be taken from the Bid Proposal Form Price Sheets in this bid specification. Up to five (5) bidders, per Group, providing the lowest cost for the material, labor, and meeting all other criteria herein may be awarded a contract for wiring. Bidders may bid separately on each Group.

1.4 Bidders shall have an established business in Miami-Dade or Broward County with office and staff capable of performing all functions of this bid. Bidder or principal personnel shall have a minimum of seven years experience in installing telecommunications wiring systems using copper and fiber optic cable, involving several hundred telephones or more, and/or four hundred personal computers or more in a local area network. Bidders shall provide proof of their experience in their bid by submitting a work history showing current projects and projects completed within the past seven years, with dates, clients name and address and phone number, number of telephones and number of computers in that client's project(s). Bids that do not include such proof shall be considered non-responsive.

1.5 Bidders shall have a full time employee licensed by the State of Florida as a Low Voltage Contractor or as an Alarm Contractor I, for the term of the bid.

1.6 Bidders in Group I shall have an agreement with the manufacturer of the cabling hardware that indicates the wiring bidder is a certified installer of the hardware being offered and both the manufacturer and the bidder are jointly responsible for the warranty agreement (proof shall be included in the bid). Bids that do not include a copy of the extended warranty agreement will not be considered. This requirement shall also apply to bidders who function as both manufacturer and installer of the cable systems. Bidders that bid wire and/or cable of one manufacturer and connection hardware such as jacks, panels and cross connects of another manufacturer shall include in their bid a letter from the hardware manufacturer that states that in the event the bidder ceases to be in business during the warranty period, that the hardware manufacturer will perform all required actions to meet the warranty requirements.

1.7 It is the intent of The School Board of Miami-Dade County to select up to five (5) contractors per group to participate in this bid. M-DCPS will select the five lowest bidders. As the need

arises, the awarded vendors will be requested to submit quotations for any single job exceeding the quotation threshold as established by Miami-Dade County Public Schools' Board Rule 6Gx13-3C-1.111, BIDDING PROCESS -- COMPETITIVE BIDDING REQUIREMENTS, paragraph II, (B), or any amendment thereof. Quotations will be evaluated and the lowest responsive and responsible bidder awarded the specific job. Vendor may provided lower Hourly Labor Rates but may not increase rate provided on bid submission and may provide higher discounts off list, but not lower, than those provided on the bid submission. Single jobs under the quotation threshold, will be awarded to the low vendor of award for this contract. If the vendor is unable to complete by the timeline in the scope of work or per the purchase order, due to current volume of assigned work, the District reserves the right to rotate among the other vendors of award. Each vendor will be utilized as determined by M-DCPS.

The School Board of Miami-Dade County estimates the value of this contract at approximately nine (9) million dollars.

1.8 In order to assist bidders in understanding the wiring and conduit arrangements used by M-DCPS, see the Master Specifications, Divisions 13 and 16. The following link is provided for downloading documents: http://facilities.dadeschools.net/default.aspx?id=masterspecs. The notes are intended to show M-DCPS standards and are based on Electronic Industries Association/Telecommunications Industries Associates (EIA/TIA) standards 568 and 569 and field experience. The notes were originally developed to assist architects and engineers who had little or no experience with telecommunications wiring. Each installation must be designed based on the concepts in these notes. Each installation must be coordinated with ITS, Infrastructure and Systems Support (ISS) project managers. Suggestions to improve these concepts and to reduce costs are solicited.

1.9 Normally in new construction, the conduit with pull-strings and backboards for voice and data will be installed by electrical subcontractor(s) to the general contractor. The wiring contractor(s) shall carefully inspect the conduit work for adequacy and inform the ITS, ISS project manager of any needed changes. In the event that conduit and backboards are required but have not been supplied by the general contractor or electrical sub-contractor, the wiring contractor shall be responsible for installing conduit and backboards in addition to the wiring. In existing buildings, the wiring contractor shall be responsible for installing needed conduit and backboards in addition to the wiring.

1.10 The contractors that will install the various systems equipment will inspect the wiring and report any required changes to the ITS, ISS project manager. The wiring contractor, the equipment contractor, ITS Network Expansion Services project manager and construction project manager shall cooperate with each other to resolve any problem involving wiring.

1.11 It is recognized that schools may have different architectures and may require different quantities of material. Bidders shall submit price sheets giving unit costs for material and associated installation labor. After award of contract, the contractor shall provide a detailed list of materials and labor for each project. The wiring contractor shall provide timeframes, riser diagrams, line items, fiber specifications and scope of work, which shall be reviewed and approved by ITS, ISS. No work shall be started before approval by ITS Network Expansion Services.

1.12 Note that there is a set of price sheets included in the bid. These price sheets are intended to provide installed prices for various items used in the installation work on a per unit basis.

These lists shall be used for pricing for new installations and for adds, moves and changes.

1.13 EXAMINATION OF SPECIFICATIONS: Each bidder is required to examine carefully the specifications and to be informed as thoroughly as possible regarding any and all conditions and requirements that may affect the work to be performed.

1.14 Scheduling of visits to the various schools shall be coordinated by ITS, ISS in order to insure adequate access for the visitors and to minimize disruptions at the schools.

1.15 BID SUBMISSION: One original plus seven (7) Hard & Soft copies of the bid, and all supporting documentation are to be submitted. Pricing shall be per line item and title as listed therein and bidder shall complete all information requested. Bidders are to furnish copies of price lists with bid submissions.

1.16 Site plans for new schools under construction or in design are available for viewing at the ISS Annex, 2740 N.W. 104 Ct., Miami, Florida 33172, David LaBrie,305-995-3361. Plans for older schools will be made available from various sources at the time the decision is made to install new wiring at that particular school. It is expected that bidders will visit a sufficient number of locations to satisfy themselves as to the nature of the work involved.

1.17 No additional allowances shall be made because of lack of knowledge of site conditions unless they are the result of additions or changes requested by the Board's representatives. Awardees, should advise during site walk-through of any conditions or specification issues would impeded the ability to successfully complete the required work.

2.0 CONTRACTOR'S RESPONSIBILITY AND QUALIFICATIONS

2.1.1 The Contractor shall have in operation a business adequate for and devoted to the installation of Telecommunications wiring systems involving copper wires and fiber optic cable and associated hardware. The intent of this Section is to ensure single source responsibility for all material, and labor proposed by the Contractor.

2.1.2 The Contractor shall manage the installation program, provide transportation, storage of material, testing and installation of all material on an engineer, furnish and install basis. The entire system shall be on a turnkey basis. Various locations are not able to guarantee a secure storage area for the contractors' material, tools, and supplies. Therefore, the contractor shall be responsible for on-site security of his/her material, tools, and supplies until final acceptance.

2.1.3 It is important for M-DCPS to receive timely responses to request for quotations (RFQ). The following is the deadline for timely submission:

AMOUNT OF RFQ	DEADLINE
$5,999.99 or less	2 working days
$6,000.00 to $24,999.99	5 working days
$25,000.00 or greater	10 working days

2.1.4 As a courtesy, ITS, ISS may E-mail a Request for Quotation (RFQ) to the selected contractors; however, it is the responsibility of the contractors to contact ITS, ISS for

outstanding RFQ's.

2.1.5 In the event of an emergency, as determined by the Executive Officer of ITS, the bidder that submitted the lowest bid shall be given the first opportunity to respond for the emergency work. If the lowest bidder is unable to respond within an acceptable time period, the work shall be offered to the other contractors. Should none of the contractors selected through this bid be able to respond adequately to the emergency, the work may be done by any other resource that can respond in a timely manner.

2.2 PRICES AND PAYMENTS

2.2.1 All bid prices shall be F.O.B. destination, delivered, and installed at the site intended in Miami-Dade County, Florida, per specifications.

2.2.2 It is a requirement that all bids provide a set of price sheets. The price sheets in the Bid are intended to be typical of what applies specifically to the material being bid, It is recognized that there may be items of material available that are not included in the price sheets in this Bid. Bidders are encouraged to copy the blank price sheet and provide any additional item(s) with associated cost. Only items indicated in the attached price sheets shall be used in determining the low bidders. **VENDORS MUST BID ALL ITEMS RELATED TO THE GROUP TO BE CONSIDERED FOR AWARD.**

2.2.3 The School Board of Miami-Dade County Policy allows payment only for goods and services received, therefore, no advance payment can be made. MDCPS also reserves the right to provide material.

2.2.4 The following shall be the payment terms on a per location basis.

Partial payment may be made on materials delivered to the intended site. The material received on site must be verified by the ISS project manager. The contractor assumes all responsibility for all material delivered to the intended site. Total partial payment may not exceed 80% of the total quoted price for the materials. The remaining balance will be paid upon completion, inspection and final acceptance by the ITS Network Expansion Services project manager.

MDCPS will not pay for travel time. Work found to be deficient will be corrected by the vendor at the vendor's expense prior to any payment being made. The vendor will not be compensated for waste and/or surplus materials. The vendor shall **not** be paid for any services which have not been authorized by the MDCPS authorized representative and not accompanied by an MDCPS purchase order.

2.2.5 The contractor may not assign their rights under this contract without prior written approval of the Board. However, no assignment of any contract rights shall relieve the Contractor of any of their obligation under this contract, including, but not limited to their obligation to meet the Bid specifications for labor, material, warranty repair, and replacement of the wiring as required. The Contractor may not assign or transfer their performance obligations under this contract to any other person.

2.2.6 In the event that the obligations and assets of the Contractor are merged or assumed by some other legal entity, the Contractor agrees to provide written notice to the Board or its

designee, and the School Board of Miami-Dade County shall be given the right to allow the contract to continue under the new ownership or to terminate the contract without penalty. Such election shall be made at the sole discretion of the School Board of Miami-Dade County.

2.2.7 Invoice and Payment

1. Vendor shall invoice based on the actual labor hours expended and materials utilized. MDCPS does not pay for travel time. Invoices for Additional Services shall be sent to the M-DCPS, Contract Financial Services (CFS).

2. The invoice document shall contain the following information:

   a. District's purchase order number.
   b. M-DCPS work order control number
   c. Description of work.
   d. Start date and completion date.
   e. Work location number and name where services were rendered.
   f. Vendors Line Item number and description of materials utilized, quantities and unit prices.
   g. Labor hours type, quantities and unit prices.

3. A clean and clearly legible copy of service tickets and/or certificates of acceptance shall accompany the invoice. The document(s) shall indicate the technician's name (printed), dates and times services were provided. Service tickets **SHALL** include the printed and signed name of the work location staff. Certificates of acceptance **SHALL** include the printed and signed name of the ISS Project Manager.

4. Invoices not submitted in accordance with the procedures and requirements defined herein will not be processed for payment and will be returned to the vendor.

2.3 <u>CONTRACT AWARD</u>

It is the intention of the School Board of Miami-Dade County to award the contract to the lowest responsible bidders submitting a responsive bid meeting the specifications.

2.3.1 The School Board of Miami-Dade County reserves the right, before awarding the contract, to require bidders to submit such evidence of their qualifications as it may deem necessary, and may consider any evidence available to it of the financial, technical and other qualifications and abilities of the bidder, including past performance (experience) with other customers of the bidder in making the award in the best interest of the School Board of Miami-Dade County.

2.3.2 Due to statutory budgetary requirements, the Board reserves the right to cancel the Contract at the end of each fiscal year or the end of each year of the contract period. No guarantee is expressed or implied, as to the quantities that will be used during the contract period.

2.4 DOUBT OR DIFFERENCE OF OPINION

Resolution of any doubt or difference or opinion as to the items to be furnished hereunder, the quality of the items, the quality of workmanship, the detail of information in the as-built plant-in-place documents and any other item related to a contract award as a result of this BID shall be handled through the following procedure:

FIRST STEP

BOARD	CONTRACTOR
Project Manager	Project Manager

SECOND STEP

Supervisor ITS Network Expansion Services	Equivalent Management Level

THIRD STEP

Executive Officer Information Technology Services	Equivalent Management Level

FOURTH STEP

Chief Financial Officer or designee Financial Affairs	Equivalent Management Level

FIFTH STEP

The School Board of Miami-Dade County	Petition to the Board

2.5 SAMPLING OF MATERIAL BY PURCHASER

M-DCPS may, at option, visit the operational facilities of the bidder for the purpose of evaluating the capabilities of the bidder. The bidder shall, at the request of M-DCPS, supply the location where a typical installation of the proposed wiring systems is available for evaluation. It is required that the location be in Miami-Dade or Broward counties.

2.6 WARRANTY

Group I
All wiring materials purchased or provided, shall be guaranteed by the Contractor against mechanical and electrical defects for a minimum period of fifteen (15) years. Manufacturer's warranties in excess of fifteen (15) years shall be provided to M-DCPS at no additional cost. In the event, defects become evident within the fifteen-year warranty period after date of acceptance, the Contractor shall furnish all replacement parts, materials and labor at no cost to M-DCPS. Additionally, contractor(s) shall include a five (5) year warranty on

workmanship. Warranty shall begin at system acceptance.
Group II
Contractor shall include a five year warranty on materials and workmanship.

2.6.1 The warranty on operation shall be that the system meets the performance standards of the latest TIA/EIA 568-B.2 Category 5e standards. This shall apply to both horizontal link and channel performance as described in TIA/EIA-568-A Annex E and TIA/EIA TSB 67.

2.6.2 During the warranty period, the contractor shall maintain an adequate supply of spare parts, either on site or at their local service facility.

2.6.4 Craft persons that install the wiring shall be certified by the manufacturers of the panels and jacks as being qualified to properly install all wiring. The District may require letters of certification from the manufacturers.

2.7 MAINTENANCE, MOVES, CHANGES, AND ADDITIONS –

2.7.1 After the award of the contract, the contractor shall provide a quote for each project/location, based on contract unit prices. In addition, the contractor shall provide a basic description of the plan used to develop the list of materials. Bidders are requested to provide in their bid a list of their craftpersons that are currently employed and will work on this contract. The list shall provide names, dates of certification and certificates and shall be updated as personnel changes occur.

2.7.2 It is agreed that no charges for moves shall be made if work has not been started based on the original plans. Changes shall be charged by adjusting the prices, based on the price sheets, up or down as appropriate for the change being made. Additions shall be charged for at the prices listed on the price sheets and as agreed to if items are not covered on the price sheets. Charges may be made on a time and material basis but shall not exceed those listed on the price sheets, provided the material and labor are listed on the price sheets.

2.7.3 Bidders shall state their person-hour labor rates for various skill levels that may be requested by Miami-Dade County Public Schools. The levels for Group I shall include installer, technician, engineer, cable splicer, and electrician. The levels for Group II shall include, engineer, foreman, laborer, equipment operator, splicer, Underground crew with excavator/ back-hoe and underground proofing crew. Other categories that are appropriate for the wiring system being bid may be included.

Adds, Moves and Changes (AMC) shall be completed within ten (10) business days of notification or as mutually agreed to M-DCPS and awardee(s). Failure to complete work as agreed to will result in a penalty of 10% per day of the total cost of the AMC scope.

2.8 LIMITATION OF CONTRACTOR'S LIABILITIES

If the performance of any part of this contract by the contractor is prevented, hindered, delayed or otherwise made impracticable by reason of flood, riot, fire, explosion, war or any other casualty or any other cause of whatever nature that is beyond the control of the Contractor, the Contractor shall be excused from such performance during the continuance

of any such happening or event, for as long as such event shall continue to prevent, hinder or delay such performance, provided that in the event of a lockout, or other disturbance, the Contractor shall provide the requirements of this contract using any personnel deemed necessary. This paragraph shall apply to the installation and warranty requirements of this ITB.

2.9 MATERIALS AND WORKMANSHIP

All copper wire, fiber optic cable, and component parts furnished shall be guaranteed to be new, meet all requirements of this bid, and be in an operable condition at the time of delivery. No part or attachment shall be substituted or applied contrary to the manufacturer's recommendations and standard practices.

2.10 FAILURE TO PERFORM UNDER WARRANTY AGREEMENT

The following option shall be available to The Miami-Dade County School Board and shall be applied, in the event of failure on the part of the contractor to perform under the warranty agreement, as stated in this bid. This shall be applied on a per location basis.

a) During the warranty period, each failure to respond or correct in a timely manner based on service call level shall obtain a one-month extension of the cost-free warranty maintenance period. In the event, twelve such response failures occur within one year, the Miami-Dade County School Board shall receive a warranty extension for the balance of the year in which the failures occurred, as well as the next full calendar year. This shall be in addition to the five-year and fifteen-year warranty period.

b) More than six (6) response failures in a 180 one year may result in termination of the contract.

c) Priority One (1) warranty service calls must be given immediate attention and the service must occur before any other service calls. Response to a Priority One (1) must be that a technician must be on site within two (2) working hours of the initial call. If the service cannot be restored to normal operation within eight (8) working hours from time of M-DCPS call, the vendor must contact ISS with restoration plan. Time extension must be approved and agreed to by M-DCPS

   Priority Two (2) warranty service calls must be served immediately after the Priority One (1) service call. Response to a Priority Two (2), must be that a technician must be on site within eight (8) working hours or the next business day of the initial call If the service cannot be restored to normal operation within sixteen (16) working hours from time of M-DCPS call, the vendor must contact ISS with restoration plan. Time extension must be approved and agreed to by M-DCPS

   The Network Support Help Desk will determine and assign the priorities of all calls.

2.11 TERMINATION OF CONTRACT

The termination of Contract shall be governed by the following terms and conditions if the contractor shall be considered in default.

A. Every contractor shall respond via E-mail to each request for quote. In the judgment of M-DCPS, the repeated failure (5 or more times) of a contractor to respond via E-mail to requests for quotes shall result in the termination of the contract.

B. Should the contractor fail or neglect to execute the work properly and diligently in substantial accord and compliance with the schedule or schedules agreed upon, as may be determined by the Board, or, if the contractor shall fail or refuse to perform any requirement or provision of the Contract specified to be performed by the contractor, then the Board may immediately take over the work, or such portion thereof as may be in default or arrears, and correct the fault and make good the deficiency, and the cost thereof will be deducted from the contract price and may be withheld from any amount then due or that may become due the contractor from the Board. The Board may complete the work by the Board's own staff or in such a manner and means as the Board may deem necessary or expedient.

2.12 EFFECT OF BOARD APPROVAL

Contractor's entire responsibility for the correctness and suitability of the work shall not be affected by the grant to, or the exercise or non-exercise by, the Board of its right to inspect, test, review, comment on and approve the work, including, without limitation, drawings, data, and other documents or work provided by contractor.

No failure or delay by the Board to insist on strict performance or observance by Contractor of any of the terms or conditions of the Contract, or to exercise any right or remedy under the Contract shall operate as a waiver thereof by the Board; nor shall any single or partial exercise of any such right or remedy preclude any other further exercise thereof or the exercise of any other right or remedy under the contract.

2.13 SEVERABILITY AND COUNTERPARTS

If any part of the contract is held to be invalid, void or otherwise unenforceable, the other parts of the contract shall continue in full force and effect unless the severance of the portion held unenforceable would render impossible performance in accordance with the purposes of the contract.

2.14 ADDITIONAL INFORMATION REQUIRED OF THE BIDDER

The bidder is requested to provide a statement giving the following information regarding the bidder(s) support activities.

1. The number of support persons on duty during the normal workweek and on weekends. The extent of the technical training and years of experience of personnel.
2. An escalation chart for problem resolution.
3. The location of the bidder's local facility.

2.15 ACCEPTANCE AND TESTING

Acceptance is and shall be understood and agreed to be acceptance of the entire project for a location by The Miami-Dade County School Board and not on an individual system basis.

The date of acceptance is defined as the date of verification of successful testing and completion of plant-in-place drawings and associated information. Representatives of ITS Network Expansion Services and the Contractor shall mutually agree as to the date of acceptance. This shall be done on a per location basis. Where valid A printout of the test results shall be provided in electronic form (Jump Drive, CD or E-mail) prior to the final walkthrough inspection. Reference numbers provided by ITS shall be depicted on all of the following documentation. Below are the tests in Group I that shall be performed:

A. Copper Wiring Tests

Every pair of copper wires shall be tested for their appropriate characteristics. The tests shall be as follows: attenuation, near-end crosstalk, line mapping, length, capacitance, DC loop resistance, and attenuation-to-crosstalk ratio.

A printout of 100% of these test results is required. The tests shall be conducted using the Wavetek Lantek Pro tester or equal. The test signal frequency shall be 100 MHz or shall be a sweep frequency from 1 MHz to 100 MHz. Automatic testing that gives results in terms of pass or fail criteria is acceptable if the criteria is clearly stated and conforms with EIA/TIA Bulletin TSB40 criteria or better.

B. Optic Fiber Tests

Every multi-mode fiber optic strand shall be measured for distance and end-to-end for power loss at 850 nm and 1300 nm. The optical loss per mated connector pair shall not exceed 1.5 db. The loss through any type of fiber splice shall not exceed 0.3 db. The maximum loss of the fiber strand without connectors and splices shall not exceed 3.75 db/km at 850 nm and not exceed 1.0 db/km at 1300 nm. At minimum the multimode fiber shall be 50um, 850nm, low metal content, complying with the ITU-TG.652 and ISO/IEC 793-2 type B1 standards, the modal bandwidth, equal or greater than **2000**mhz/km. On an individual job basis, manufacturers' specifications of the fiber to be installed shall be provided with each quote.

Every single-mode fiber optic strand shall be measured for distance and end-to-end power loss at 1310 nm and 1550 nm. The optical loss per mated connector pair shall not exceed 1.5 db. The maximum loss of the fiber strand without connectors and splices shall not exceed 1.5 db at 1310 nm and 1550 nm. The single mode fiber shall be 50um, 850nm, low metal content, single-mode, fiber-optic, complying with the ITU-TG.652 and ISO/IEC 793-2 type B1 standards. On an individual job basis, manufacturers' specifications of the fiber to be installed shall be provided with each quote.

C. Extended Warranty Agreement: where applicable, the fifteen-year warranty certificate shall be considered part of the warranty agreement, i.e. in new construction.

D. Provide As-built drawings for all quoted Group I jobs. These drawings shall be clearly printed and will depict all jack locations.
   1. The location of all telephone, data and intercom wiring closets and backboards and terminal blocks.
   2. Routing of feeder cables to each closet, backboard, and terminal block.

3. Location and number of each jack.
4. A riser diagram showing all closets, backboards and terminal blocks.
5. Detail of each cross-connect and punch-down block identifying pairs to each jack.

E. As built drawings for Group II jobs shall be to scale and show location, distance, diameter of and conduit(s).

2.16 It is recognized that until the various items of equipment utilized are installed, that errors and/or problems will not be known. The contractor shall cooperate fully with M-DCPS and the equipment contractors to repair any problems that are found during or after the various systems are activated.

2.17 In the event that during the warranty period it becomes evident that a pattern of chronic malfunctions and/or failures develop which severely limits the use of the equipment and which the contractor has been unable to remedy, the School Board of Miami-Dade County shall notify the contractor in writing, listing the specific malfunctions and/or failures to be remedied and the time in which the remedies are to be accomplished. If the remedies are not accomplished within the specified time, the Board may declare the contractor in default and issue a new purchase order to the second lowest bidder to replace the installed wiring and to continue the work of new installations. The Board shall be accountable to the contractor in default for portions of the work performed by him/her which is reused, however the Board shall be reimbursed by the contractor in default for funds previously paid for the wiring being replaced by the new contractor. If the faulty installation is partially usable it shall remain in place and be serviced under the warranty until replacement is installed.

2.18 PERMITS AND LICENSES

The contractor shall be responsible for obtaining any necessary construction and installation permits and licenses and shall comply with all federal, state, and local codes and ordinances without additional cost to M-DCPS.

2.19 INSURANCE

Prior to commencing work under this bid, the contractor shall obtain and maintain without interruption the insurance as outlined in special conditions. The contractor agrees to furnish a fully completed certificate of insurance signed by an authorized representative of the insurer providing such insurance coverage.

2.21 PATENTS AND ROYALTIES

The Bidder, without exception, shall indemnify and save harmless, M-DCPS and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted or unpatented invention, process or articles manufactured or used in the performance of the contract, including its use by M-DCPS. If the bidder uses any design, device or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the proposed prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.

2.22 LIQUIDATED DAMAGES

As a result of the contractor's survey and subsequent approval by ITS Network Expansion Services, the contractor will have established a schedule, which shall state the number of

calendar days after commencement of work that the work will be completed. Time of completion of each installation and/or project shall be given by this schedule, which may be adjusted by mutual agreement of the contractor and the School Board of Miami-Dade County, Florida. The time of completion shall be of the essence. Should the contractor fail to complete the work or obtain acceptance within the time agreed to, and provided the contractor has not previously obtained an extension from the Board, a minimum sum of $500.00 shall be deducted from the contract price for each calendar day of delay as liquidated damages. If the contract price exceeds $50,000, then 1-1/2% of the contract price shall be deducted for each day of delay as liquidated damages. This deduction shall be applied to each installation individually. The contractor consents and agrees that it is not necessary for the Board to prove monetary loss.

2.23 **CONTRACT MANAGER**

2.23.1 The contractor shall designate an individual acceptable to M-DCPS to perform the contractor's program management function. The Contract Manager shall provide a single point interface between M-DCPS and the contractor on all matters concerning the contract. The contract manager shall provide on demand status/progress reports and attend monthly status meetings throughout the contract period as required by M-DCPS.

2.23.2 After award of contract the Contract Manager shall be in residence in South Florida and shall be available to the School Board on a schedule that shall be mutually agreed to by the School Board of Miami-Dade County and the contractor.

2.23.3 The School Board of Miami-Dade County ITS, ISS Supervisor shall designate a ISS Bid Administrator to manage the contract for the School Board of Miami-Dade County.

2.23.4 For individual projects The ISS Project Manager shall inspect all installation materials and workmanship and ensure contract compliance for final acceptance. The wiring contractor's Contract Manager shall interface with and cooperate with the School Board of Miami-Dade County ISS Project Manager, the construction project manager and the equipment contractor.

2.24 ADDITIONS OR CHANGES DURING INSTALLATION

2.24.1 The Contract Manager or contractor shall not accept requests or agree to perform services beyond the contract requirements from persons other than authorized personnel of the School Board of Miami-Dade County, ITS. All requests for additions and/or changes shall be directed to and handled by authorized personnel of the School Board of Miami-Dade County ITS, ISS.

2.24.2 The School Board of Miami-Dade County, without invalidating the Contract, may order changes in the work within the general scope of the Contract consisting of additions, deletions or other revisions.

2.24.3 The cost or credit to the School Board of Miami-Dade County resulting from a change in the work shall be determined in one of the following ways:

1) By mutual acceptance of a properly itemized lump sum amount supported by sufficient substantiating data to permit evaluation, if not listed in the Contract Documents.

2) By unit, prices stated in the Contract Documents or subsequently agreed upon.

2.25 FAMILIARITY WITH LAWS

The bidder is presumed to be familiar with all Federal, State and Local Laws, Ordinances, Code Rules and Regulations that may in any way affect the work. Ignorance on the part of the bidder shall in no way relieve him/her from responsibility. Bidders are advised that the School Board of Miami-Dade County and the Florida Department of Education may have additional requirements beyond those contained in the locally accepted Building Codes.

2.26 INDULGENCE

Indulgence by the School Board of Miami-Dade County of any nonconformance by the contractor does not constitute a waiver of any rights under this agreement.

2.27 SUB-CONTRACTS

a) Nothing contained in the specifications shall be construed as creating any contractual relationship between any subcontractor and M-DCPS.

b) The Contractor shall be as fully responsible to M-DCPS for the acts and omissions of the sub-contractor and of persons employed by them as he/she is for acts and omissions of persons directly employed.

2.28 EMPLOYEES OF THE CONTRACTOR AND SUB-CONTRACTOR

All employees of the contractor and sub-contractor shall be considered to be at all times the sole employees of the contractor or sub-contractor under the contractor's sole direction and not an employee or agent of the School Board of Miami-Dade County. The contractor and sub-contractor shall supply competent and physically capable employees, and the School Board of Miami-Dade County may require the contractor to remove an employee it deems careless, incompetent, or insubordinate and whose continued employment on the Miami-Dade County School Board's property is not in the best interest of the School Board of Miami-Dade County. Each employee shall have and wear proper identification on the job and have already met the background screening requirements of M-DCPS.

3.0 TECHNICAL INFORMATION

3.1 DEFINITIONS

Wiring: shall be considered to include all copper wires, copper multi conductor cables, fiber optic strands and multi strand fiber optic cable. The words wire and cable are intended to have the same meaning and are used interchangeably.

Telecommunications Wiring: Shall be construed to mean the wire and cable for voice and data.

Conduits: shall be construed to include all metal and plastic tubing, all cable trays and ducts in which telecommunications wiring may be installed. These items are also referred to

as raceways.

3.2 Architects and engineers have been requested to provide a basic design for telecommunications for a new school building as follows:

a) A main equipment room shall be in or near the administration offices of a school.

b) There shall be satellite equipment rooms and/or wiring closets in each building.

c) Within a building there shall be a wiring closet for approximately every 20 to 25 rooms or offices.

d) The locations of the satellite rooms and wiring closets shall be such that the maximum wire distance from a room or closet to a jack is 250 feet and the maximum wire distance between equipment rooms and wiring closets is 300 feet.

3.3 Conduit design for the above has been requested as follows:

a) There shall be a minimum of three conduits of a minimum of 2" diameter from the main equipment room to each satellite room or wiring closet. ITS, ISS for adequacy shall review the actual quantities and sizes of the conduit during the design phases of the project.

b) ITS, ISS shall review for adequacy the actual quantities and sizes of the conduit during the design phases of the project.

c) The quantities and sizes of this conduit shall be determined during the design phase of the project and shall be reviewed by ITS Network Expansion Services.

d) No conduit smaller than 3/4" shall be used to any voice or data outlet.

3.4 It is recognized that there are various ways of laying out a conduit system for wiring from the various satellite rooms and wiring closets. The design shall be based on the following requirements:

a) Every classroom except the computer laboratories shall have a voice jack, and eight LAN jacks. Computer laboratories will have one voice jack. The data jacks will be distributed around the room in wire-mold. If the distance between the laboratory and nearest wiring closet is less than a 100 feet, all jacks are run to the wiring closet. If the distance is greater than 100 feet from the nearest closet then a terminal cabinet will be placed in the room and all data jacks will be terminated in the terminal cabinet. A fiber optic cable will be installed from a terminal cabinet to the nearest wiring closet containing fiber.

b) The voice jack and the data jacks shall be connected to a satellite room or closet using 4-pair category 5e cable. Fiber optic cable shall be used between the main equipment room and satellite rooms and closets. Multi-pair copper cable shall be used between the main telephone room and satellite rooms and closets for the voice jack.

c) There shall be no daisy chaining of outlet boxes except where approved by ITS

Network Expansion Services.

3.5 Wire termination at the various equipment rooms and wiring closets shall be as follows:

a) In all schools the voice panel is a punch-down and the others are category 5e patch panels.

b) All jacks shall be hard wired to their respective panels.

c) All copper pairs used for voice shall be protected at both ends of the cable if the cable leaves and enters a building.

d) At the MDF the voice panel shall be hard wired to the cable protectors.

e) The fiber optic cable shall be terminated in a suitable interface unit that provides for fan-out of the strands and termination in ST-type or SC-type connectors. The number of strands and arrangement of separation and fan-out shall be approved by ITS Network Expansion Services.

f) Cable management shall be included in all installations to neatly organize all patch cables at each IDF and MDF locations. Patch Cables should be of appropriate length for cabinet, rack or shelf where applicable.

3.6 Installation and configuration of, data switches and Network management station.

a) Vendor shall be required to install as directed by OIT ISS at all specified IDF's and MDF.

4.0 INSTALLATION PRACTICES

4.1 All wiring and terminations shall be installed according to the best industry practices and manufacturer's specifications. Cable not in conduit shall meet fire codes and all cable shall be neatly run and have proper mechanical protection. Cables shall be supported by bridle rings and ties to permanent supports. In any new installations fiber optic cable shall be continuous, without splices.

4.2 It is agreed and understood that the installation work may require mechanical work such as removal of ceiling tiles, drilling holes in walls and floors and similar changes to an existing building. Contractors shall restore such disturbed areas to original condition. Note that some buildings may have interlocking tile ceilings as well as drop-in type ceiling tiles. Tiles damaged by the contractor shall be replaced by the contractor at no cost to the Board.

4.3 All wiring shall be concealed to the maximum extent practical. When retrofitting existing systems, existing conduits, floor ducts and power poles shall be used where possible. This will require the removal of existing wiring and replacement with new wiring.

4.4 At retrofit locations, the existing systems shall be maintained in operation to the maximum extent possible while the new systems are being installed. It is understood that there may be reductions in service and that various locations may be out of service while they are being
replaced. It will be necessary to cooperate with the building personnel to reduce interruptions to a minimum.

4.5 Prior to performing any work the contractor and the Board's representative shall determine if a hazard exists. If, during the work, asbestos is suspected or discovered the contractor shall immediately notify the ISS Project Manager who will contact the Board's safety office and designated Board personnel. The Asbestos Abatement office will determine if a hazard exists. If there is a hazard all work will stop at that location until the hazard is abated by the Board.

4.6 No PVC conduit shall be used above ground but may be installed underground. If PVC is installed underground it shall be no smaller than 1" diameter and shall be no less than schedule 40 type. Metal conduit shall be used at the end of underground PVC where the run leaves the earth and enters a building if it enters through an outside wall and is exposed.

4.7 Overhead Conduit shall be mounted ten feet above the floor or as high as practical if the ten feet height is not possible.

The types of conduit, wire and the locations where each type may be used shall be governed by Miami-Dade County Public Schools Master Specifications, Divisions 13 and 16. These documents can be found at http://facilities.dadeschools.net/default.aspx?id=masterspecs

BID PROPOSAL FORM (FORMAT B)

PLEASE COMPLETE
ALL YELLOW HIGHLIGHTED AREAS

012-GG04
Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)
Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
	GROUP I - Items 1 through 250			
	WIRING AND CONDUIT ITEMS			
	Vendors must bid on all items. Quantities are not indicated, however, the award will be based on applying the unit prices to a matrix based on projects recently installed.			
1	100 Pair Protector, With 4C1S Protectors			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
2	4C1S Protector			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
3	25 Pr Protector, With 4C1S Protectors			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
4	50 Pr Protector, With 4C1S Protectors			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
5	6 Pair, 3 Element gas tube (3B1E) protector			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
6	25 Pr Protector , With 3B1E Gas Tubes			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
7	50 Pr Protector, With 3B1E Gas Tubes			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
8	100 Pr Protector, With 3B1E Gas Tubes			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
9	EDCO # OPX48 Protector or equal			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
10	EDCO # OPX200 Protector or equal			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
11	EDCO COHP - 50 protector, or equal			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

012-GG04

Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
12	4 Pr Protector, cat 5e ITW Links Cat5-LAN			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
13	25 Pr Protector, cat 5e ITW Links ML-Cat5-LAN			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
14	100 Pair, Riser Cable 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
15	6 pair jelly-filled, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
16	25 pair jelly-filled cable, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
17	50 pair jelly-filled, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
18	100 pair jelly-filled cable, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
19	200 pair jelly-filled cable, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
20	400 pair jelly-filled cable, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
21	600 pair jelly-filled cable, 24 AWG			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
22	4 pair 24 AWG PVC cable Cat 3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
23	25 pair 24 AWG PVC cable Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
24	50 Pr, 24, PVC Cable Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
25	100 pair 24 AWG PVC cable Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
26	200 pair 24 AWG PVC cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
27	300 pair 24 AWG PVC cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
28	400 pair 24 AWG PVC cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
29	600 pair 24 AWG PVC cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
30	4 pair 24 AWG cable, plenum Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
31	25 pair 24 AWG cable, plenum Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
32	50 pair 24 AWG cable, plenum Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
33	100 pair 24 AWG cable, plenum Cat3			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
34	4 pair 24AWG plenum, cat. 5e			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
35	4 pair 24AWG PVC Riser cable, cat. 5e			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
36	4 Pair Cat 5e outside plant cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
37	25 pair cat 5e cable, riser			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
38	25 pair cat 5e cable, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
39	25 pair cat 5e cable, outside plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
40	RG-6 Coaxial cable PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
41	RG-6 Buried Coaxial cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
42	RG-11 Coaxial cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
43	RG-59 Coaxial cable PVC 95% Copper Braid			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
44	6 FBR 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM Interlocking Armored Riser Cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
45	6 FBR 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM Interlocking Armored Plenum Cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
46	Optic fiber, 6 fiber, plenum, 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
47	Optic fiber, 12 fiber, plenum, 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
48	Optic fiber, 12 fiber non plenum 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
49	Optic fiber, 24 fiber non-plenum 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
50	Optic fiber, 48 fiber non-plenum 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
51	2 Fiber Filled Cable 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NMOutside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
52	Optic Fiber Cable 6 Fiber 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NMOutside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
53	Optic Fiber Cable 12 Fiber 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NMOutside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
54	Optic Fiber Cable 24 Fibers 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NMOutside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
55	Optic Fiber Cable 48 Fibers, 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM gel filled, Outside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
56	6 Fiber Riser Cable 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
57	24 Fiber Plenum Cable 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
58	48 Fiber Plenum Cable 50 Micron MM LASER OPTIMIZED 10GBS FOR 300 METERS AT 850NM			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
59	6 Single MD Fiber Plenum Cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
60	12 Single MD Fiber Plenum Cable			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
61	6Single MD Fiber Filled Cable Outside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
62	12 Single MD Fiber Filled Cable Outside Plant			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
63	#12 AWG copper wire, stranded, insulated, THHN			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
64	#14 AWG copper wire, insulated, THHN Stranded			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
65	#6 AWG Copper Wire, Stranded Green			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
66	300 Pair cross connect field 110 with legs and C5 clips			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
67	100 Pair crossconnect field 110 with legs and C5 clips			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
68	50 Pair crossconnect field 110 with legs and C5 clips			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
69	66M1-50 Connector Block			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
70	89B Stand-off brackets			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
71	Jack panel, 100 pair 110 type 12 port Cat 5e			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
72	Jack panel, 300 pair 110 type 36 port Cat 5e			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
73	Hinged wall bracket 3.5 in			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
74	Hinged wall bracket 7 in			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
75	8 wire modular station jack INSERT CAT 5E VARIOUS COLORS			
		EACH	$	
	Installation:	Per EACH	$	
76	Faceplate for 1 to 6 modular jacks, AT&T #106504566, or equivalent			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
77	Mounting kit for wall phone, WALL PHONE JACK			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
78	Patch Cord Organizer, HORIZONTAL WIRE MANAGER 2RU FRONT ONLY			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
79	hinged wall bracket 1.75 in			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
80	hinged wall bracket 5.25 in			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
81	hinged wall bracket 10.5 in			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
82	RJ-11 Surface Jack 4 CONDUCTOR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
83	RJ-31X Surface Jack			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
84	RJ-45 Male Plug			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
85	Wall Phone Plate, 6 CONDUCTOR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
86	1 Gang Blank Face Plate			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
87	2 Gang Face Plate, 8 Prt			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
88	Ground Lugs FOR #6 GROUND WIRE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
89	Ground Bus bar			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
90	Bullet Bond			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
91	PATCH PANEL REAR SUPPORT BAR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
92	C4-4 Pair Connecting Blk			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
93	24 Port Cat 5e Patch Panel RACK MOUNT			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
94	48 Port Cat 5e Patch Panel RACK MOUNT			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
95	96 Port Cat 5e Patch Panel RACK MOUNT			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
96	3' Cat 5e Mod Patch Cord			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
97	10' Cat 5e Mod Patch Cord			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
98	14' Cat 5e Mod Patch Cord			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
99	C5-5e Pair Connecting Blk			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
100	5' CAT 5e MOD PATCH CORD			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
101	Cord, 7', cat. 5e, MOD PATCH CORD			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
102	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 12 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
103	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 24 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
104	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 48 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
105	FIBER PATCH CORD DUPLEX 2 METER ST TO ST 50 MICRON			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
106	FIBER PATCH CORD DUPLEX 3 METER ST TO ST 50 MICRON			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
107	FIBER PATCH CORD DUPLEX 5 METER ST TO ST 50 MICRON			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
108	FIBER PATCH CORD DUPLEX 7 METER ST TO ST 50 MICRON			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
109	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 6 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
110	FIBER PATCH CORD DUPLEX 2 METER ST TO SC 50 MICRON			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
111	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 6 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
112	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 12 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
113	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 24 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
114	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 48 ST MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
115	SC COUPLER PANEL FOR ENCLOSURE W/ 3 DUPLEX SC MM			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
116	FIBER PATCH CORD DUPLEX 2 METER SC TO SC SINGLE MODE			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
117	FIBER PATCH CORD DUPLEX 5 METER SC TO SC SINGLE MODE			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
118	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 6 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
119	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 12 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
120	WALL MOUNT FIBER ENCLOSURE EQUIP FOR 24 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
121	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 6 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
122	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 12 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
123	RACK MOUNT FIBER ENCLOSURE EQUIP FOR 24 SC SINGLE MODE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
124	SINGLE MODE SC CONNECTOR PRE POLISHED			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
125	Fiber Cable Fan out Kit, 6F			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
126	50 MICRON MM ST FIBER CONNECTOR PRE POLISHED			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
127	HORIZONTAL RACK MOUNT POWER STRIP 6 OUTLET			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
128	HORIZONTAL RACK MOUNT POWER STRIP 6 OUTLET SURGE PROTECTED			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
129	CAT 32 J HOOKS W/ BATWINGS			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
130	Velcro TYPE CABLE STRIP ROLL OF 20 FT 3/4 IN WIDE			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
131	7 FT VERTICAL WIRE MANAGER FRONT ONLY			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
132	12" Ladder Rack Assembly 10 FT			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
133	12" Ladder Rack, WALL ANGLE SUPPORT			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
134	Deep Equipment Shelf			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
135	SWING GATE 19 IN X 48 IN X 18 IN DEEP RACK			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
136	SWING GATE 19 IN X 72 IN X 18 IN DEEP			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
137	SWING GATE 19 IN X 24 IN X 18 IN DEEP RACK			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
138	SWING GATE 19 IN X 36 IN X 18 IN DEEP RACK			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
139	7 FT OPEN RACK 19 IN			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
140	7 FT EQUIP CABINET 19 IN RAILS X 30 IN DEEP W PLEX FRONT DOOR AND FAN			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
141	WALL MOUNT CABINET 19 IN X 24 IN X 18 IN DEEP W/ PLEX FRONT DOOR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
142	WALL MOUNT CABINET 19 IN X 36 IN X 18 IN DEEP W/ PLEX FRONT DOOR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
143	WALL MOUNT CABINET 19 IN X 48 IN X 18 IN DEEP W/ PLEX FRONT DOOR			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
144	Equipment only Cabinet, Great Lakes Case & Cabinet #GL24WD 24" Wall Mount			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
145	Equipment only Cabinet, Great Lakes Case & Cabinet #GL36WD 36" Wall Mount			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
146	Equipment only Cabinet, Great Lakes Case & Cabinet #GL48WD 48" Wall Mount			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
147	Chadsworth Quadra Rack 4 Post Frame 50120-703			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
148	Chadsworth Quadra RackExpandarack Accessories Heavy Duty Fixed Solid Shelf 16351-X19			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
149	Chadsworth Quadra RackExpandarack Accessories Heavy Duty Fixed Vented Shelf 16350-X19			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
150	Chadsworth Quadra RackExpandarack Accessories 70" Non-Surge Power Stip 16349-701			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
151	Chadsworth Quadra RackExpandarack Accessories Rack Line-Up Spacer Universal 16342-X01			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
152	Chadsworth Quadra RackExpandarack Accessories Rack Line-Up Spacer Standard 16342-X02			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
153	Chadsworth Quadra RackExpandarack Accessories Equipment Tie Down Bracket 16356-X19			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
154	Chadsworth Quadra RackExpandarack Accessories Rack Base Dust Cover 16341-X19			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
155	Hubble ReBox RE2B 2U 14"D 32"H 24.2"W 7"D			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
156	Hubble ReBox RE4B 4U 14"D 32"H 24.2"W 10"D			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
157	Hubble ReBox RE4XB 5U 22"D 42"H 24.2"W 10"D			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
158	Pathways and Spaces 10U Secure Patch PS-10U-6xK			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
159	Pathways and Spaces 10U Secure Hub PS-PH10Ux			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
160	12"x8" Utility Box, NEMA3R			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
161	24"x24" NEMA 3R SRV Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
162	36"x36" NEMA 3R SRV Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
163	1/2" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
164	1/2" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
165	1/2" EMT			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
166	3/4" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
167	3/4" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
168	3/4" EMT			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
169	1" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
170	1" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
171	1" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
172	1-1/4" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
173	1-1/4" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
174	1-1/4" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
175	1-1/2" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
176	1-1/2" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
177	1-1/2" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
178	2" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
179	2" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
180	2" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
181	2-1/2" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
182	2-1/2" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
183	2-1/2" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
184	3" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
185	3" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
186	3" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
187	4" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
188	4" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
189	4" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
190	24" X 24" X 12" Pullbox			
	Equipment only:	EACH	$	
	Installation:	Per EACH	$	
191	12" X 12" X 8" Pullbox			
	Equipment only:	EACH	$	
	Installation:	Per EACH	$	
192	4" X 4" X 2" Pullbox			
	Equipment only:	EACH	$	
	Installation:	Per EACH	$	
193	Core drill, 8" concrete block, per inch diameter			
	Core Drill:	Per Inch	$	
194	Core drill, poured concrete per inch diameter 4" depth			
	Core Drill:	Per Inch	$	
195	Core drill, 10" concrete block, per inch diameter			
	Core Drill:	Per Inch	$	
196	Core drill, poured concrete per inch diameter 6" depth			
	Core Drill:	Per Inch	$	
197	Fire Stop any hole, per inch diameter			
	Fire Stop:	Per Inch	$	
198	Place / Add Measured Pull String to existing conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
199	3/4" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
200	3/4" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
201	1" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
202	1" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
203	1 1/4" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

012-GG04

Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
204	1 1/4" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
205	1 1/2" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
206	1 1/2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
207	2" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
208	2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
209	2 1/2" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
210	2 1/2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
211	3" fiber innerduct, plenum			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
212	3" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
213	1/2" Surface Raceway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
214	3" Surface Raceway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
215	2 Gang Surface Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
216	1/2" Plastic Wireway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
217	3/4" Plastic Wireway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
218	1" Plastic WIREWAY			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
219	3" Plastic Wireway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
220	Flush Dry Wall Ring			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
221	Wiremold duct, size 700, 3/4" surface raceway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
222	Wiremold duct, size 2000, 1" surface raceway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
223	Wiremold duct, size 4000, 4" surface raceway			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
224	Surface mounted wiremold single-gang box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
225	10 Foot Power pole			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
226	12 Foot Communications Pole			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
227	Metal floor duct, surface mounted, avoid tripping hazard			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
228	4' X 8' Backboard			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
229	Pathways and Spaces 2' X 2' Backboard RB-A2424x			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
230	Pathways and Spaces 4' X 2' Backboard RB-A4824x			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
231	Pathways and Spaces 4' X 4' Backboard RB-A4848x			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
232	Pathways and Spaces 4' X 8' Backboard RB-AD4896x			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
233	2 Port Surface Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
234	4 Port Surface Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
235	6 Port Surface Box			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
236	Dual Mounting Frame			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
237	Quad Mounting Frame			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
238	Ground Rod Metal, 20 ft.			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
239	Change Dual 120V outlet to Quad 120V outlet			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
240	120V Electrical outlet			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
241	Quad Power Outlet			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
242	Ground Connection			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
243	Electrician: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
244	Equip. & installer: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
245	Technician: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
246	Engineer: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	

	012-GG04 **Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)** **Buyer: Leasburg-Kramer, L**		**TYPE NAME OF BIDDER:**

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
247	Cable Splicer: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
248	Site Survey			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
249	Install Network Hub			
	Installation	Per Each	$	
250	% Off Balance of Line for Equipment and Supplies **Bidder is requested to include a copy of Price Lists (hard copy, CD or Jump Drive)**		% Off List Price	

	GROUP II - Item s251 - 326			
	TRENCHING AND BORING ITEMS			
	DESCRIPTION	Unit	PRICE FOR EACH UNIT	Manufacturer or Brand Comments
	Vendors must bid on all items. Quantities are not indicated, however, the award will be based on applying the unit prices to a matrix based on projects recently installed.			
251	Missile Bore, 24"-2"			
	Bore:	Per Foot	$	
252	Missile Bore, 24"-4"		$	
	Bore:	Per Foot	$	
253	Directional Bore, 24"-2"			
	Bore:	Per Foot	$	
254	Directional Bore, 24"-4"			
	Bore:	Per Foot	$	
255	Directional Bore, 24"-6"			
	Bore:	Per Foot	$	
256	Trenching, 24"-1" PVC soil			
	Trench:	Per Foot	$	
257	Trenching, 24"-2" PVC soil			
	Trench:	Per Foot	$	
258	Trenching, 24"-3" PVC soil			
	Trench:	Per Foot	$	
259	Trenching, 24"-4" PVC soil			
	Trench:	Per Foot	$	
260	Trenching, 24"-1" PVC asphalt			
	Trench:	Per Foot	$	
261	Trenching, 24"-2" PVC asphalt			
	Trench:	Per Foot	$	
262	Trenching, 24"-3" PVC asphalt			
	Trench:	Per Foot	$	
263	Trenching, 24"-4" PVC asphalt			
	Trench:	Per Foot	$	
264	Trenching, 24"-2" PVC concrete sidewalks			
	Trench:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
265	Trenching, 24"-2" PVC concrete sidewalks Trench:	Per Foot	$	
266	Trenching, 24"- 3" PVC concrete sidewalks Trench :	Per Foot	$	
267	Trenching, 24"-4" PVC concrete sidewalks Trench:	Per Foot	$	
268	UG - 1/2" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
269	UG - 1/2" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
270	UG - 3/4" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
271	UG - 3/4" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
272	UG - 1" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
273	UG - 1" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
274	UG - 1-1/4" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
275	UG - 1-1/4" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
276	UG - 1-1/2" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
277	UG - 1-1/2" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
278	UG - 2" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
279	UG -2" IMC Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	
280	UG -2-1/2" GRS Conduit Equipment only: Installation:	 Foot Per Foot	 $ $	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
281	UG - 2-1/2" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
282	UG -3" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
283	UG -3" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
284	UG -3" EMT Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
285	UG -4" GRS Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
286	UG -4" IMC Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
287	1" PVC Schedule 40 Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
288	2" PVC Schedule 40 Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
289	3" PVC Schedule 40 Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
290	4" PVC Schedule 40 Conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
291	Exterior Core drill, 8" concrete block, per inch diameter			
	Core Drill:	Per Inch	$	
292	Exterior Core drill, poured concrete per inch diameter 4" depth			
	Core Drill:	Per Inch	$	
293	Exterior Core drill, 10" concrete block per inch diameter			
	Core Drill:	Per Inch	$	
294	Exterior Core drill, poured concrete per inch diameter 6" depth			
	Core Drill:	Per Inch	$	
295	Place / Add Measured Tape to existing exterior conduit			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
296	Paint Rigid Conduit that is to be installed underground			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
297	Exterior 3/4" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
298	Exterior 1" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
299	Exterior 1 1/4" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
300	Exterior 1 1/2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
301	Exterior 2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
302	Exterior 2 1/2" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
303	Exterior 3" fiber innerduct, PVC			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
304	2" SDR 11 HDPE Pipe			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
305	4" SDR 11 HDPE Pipe			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
306	6" SDR 11 HDPE Pipe			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
307	6" Multicell Pipe			
	Equipment only:	Foot	$	
	Installation:	Per Foot	$	
308	INSTALL HAND HOLE WITH PEA ROCK 24" X 36" X 30" Place hand hole includes the digging, restoration, pea rock placing, ground rod and ground wire.			
	Equipment only:	Each	$	
	Installation:	Per Each	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
309	12"x8" Utility Box, NEMA3R -Outdoor			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
310	24"x24" NEMA 3R SRV Box - Outdoor			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
311	36"x36" NEMA 3R SRV Box - Outdoor			
	Equipment only:	Each	$	
	Installation:	Per Each	$	
312	Foreman			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
313	Equipment Operator			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
314	Laborer			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
315	Splicer			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
316	Engineer			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
317	Under Ground Crew with Excavator/Back Hoe			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
318	Under Ground Proofing Crew			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
319	Small Boring Rig (Backyard Sizes) (Includes All Support Equipment, Tools and Transportation)			
	Boring Only:	Per Foot	$	
320	Medium Boring Rig(Includes All Support Equipment, Tools and Transportation)			
	Boring Only:	Per Foot	$	

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Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)

Buyer: Leasburg-Kramer, L

TYPE NAME OF BIDDER:

Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments
321	Large Boring Rig (Includes All Support Equipment, Tools and Transportation) Boring Only:	Per Foot	$	
322	Back Hoe Rubber Tired Front Loader (Includes All Support Equipment, Tools and Transportation) Boring Only:	Per Foot	$	
323	Air Compressor (Including Tools) Equipment only:	Per Hour	$	
324	Trenchers 48" Deep to 4" Wide Trenching Only:	Per Foot	$	
325	Electrician: hourly rate			
	Regular Time	Per Hour	$	
	Overtime	Per Hour	$	
	Week-ends/Holiday	Per Hour	$	
326	% Off Balance of Line for Equipment and Supplies **Bidder is requested to include a copy of Price Lists (hard copy, CD or Jump Drive)**		% Off List Price	

Additional Information:

Sales Representative:	
Email	
Phone	
Fax	

Project Management:	
Email	
Phone	
Fax	

Customer Service:	
Email	
Phone	
Fax	

Accounts Receivable:	
Email	
Phone	
Fax	

Location of Repair Facilities:	
Address	
City, State	
Phone:	

URL:	

012-GG04		**TYPE NAME OF BIDDER:**	
Wiring, Telecommunication (Furnish and Equip. & installation Voice & Data)			
Buyer: Leasburg-Kramer, L			
Item	DESCRIPTION	Unit	Price per Unit	Manufacturer or Brand Comments

References: Company	Contact	Address	Phone

Use Additional Sheet if Necessary

Number of Techs employed during the week:	
Number of Techs employed during the weekend:	

Technicians	Job Description/Classification	Certifications

Bidder should use the following checklist to assist in bid submission including but not limited to:	
Bidders Qualification Formed Signed	
Bid Proposal Form Price Sheets Completed	
Vendor Information Shee	
Sworn Statement New Contracts JLA Background Screening Requirements	
Client Information	
Proof of experience, company and/or principle	
Low voltage or Alarm I License	
Mfg's. certifications, if applicable	
Escalation Chart	
Occupational License	
List of Employees, classified by position	
Price Lists, supplied as hard copy, or on CD or Jump Drive	
Excel File of Bid Proposal Form	