



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
ISCG0150

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES
 BUILDING 1 ROOM MB60
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0123 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/16/2007				

BID OPENING DATE: **05/31/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
<p>THIS ADDENDUM IS ISSUED TO ANSWER QUESTIONS RAISED AT THE MANDATORY PRE-BID MEETING HELD ON MAY 2, 2007 AND THOSE QUESTIONS SUBMITTED PRIOR TO THE MAY 7, 2007 DEADLINE FOR TECHNICAL QUESTIONS.</p> <p>QUESTIONS CONCERNING THE ACTUAL SUBMISSION PROCESS FOR A VENDOR'S BID ONLY WILL BE CONTINUED TO BE ACCEPTED. THESE QUESTIONS MUST BE SUBMITTED TO KRISTA FERRELL IN THE WEST VIRGINIA PURCHASING DIVISION VIA FAX AT 304-558-4115, VIA EMAIL AT KFERRELL@WVADMIN.GOV, OR BY PHONE AT 304-558-2596.</p> <p>ALSO, THE BID OPENING DATE IS EXTENDED.</p> <p>BID OPENING DATE IS EXTENDED TO: MAY 31, 2007 BID OPENING TIME REMAINS: 1:30 PM</p> <p>THIS ADDENDUM INCLUDES THE DRAWINGS CONTAINED ON THE CD DISTRIBUTED AT THE MANDATORY PRE-BID MEETING AND THE ATTACHED ANSWERS AND CLARIFICATIONS.</p> <p>CLARIFICATION TO SECTION 2.3.4: "OF THAT NUMBER 15 PERCENT MUST BE REGISTERED AT THE TECHNICIAN LEVEL, AT LEAST 40 PERCENT MUST BE REGISTERED AT THE INSTALLER LEVEL 2, AND THE BALANCE MUST BE REGISTERED AT THE INSTALLER LEVEL 1. A COPY OF ALL REGISTRATIONS MUST BE SUBMITTED TO THE AGENCY. IT IS PREFERRED THAT THIS INFORMATION BE SUBMITTED WITH THE VENDOR'S BID RESPONSE. THE AGENCY RESERVES THE RIGHT TO REQUEST THIS INFORMATION. VENDORS MUST PROVIDE THIS INFORMATION WITHIN 48 HOURS OF THE REQUEST. FAILURE TO PROVIDE THIS INFORMATION MAY RESULT IN BID</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
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 CHARLESTON, WV
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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/16/2007				

BID OPENING DATE: **05/31/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		910-82		
<p>DISQUALIFICATION."</p> <p>ADD TO SECTION 4.0: VENDOR MUST ALSO INCLUDE AN HOURLY RATE FOR INSTALLATION.</p> <p>THIS RATE IS: \$ PER HOUR.</p> <p>THIS COST MUST BE ALL INCLUSIVE. NO SEPARATE REIMBURSEMENT WILL BE MADE FOR TRAVEL.</p> <p>ADD TO THE RFQ THE FOLLOWING LANGUAGE:</p> <p>"PROGRESS PAYMENTS MAY BE MADE TO THE VENDOR ON THE BASIS OF PERCENTAGE OF WORK COMPLETED AND ACCEPTED BY THE AGENCY. 10% RETAINAGE SHALL BE HELD FROM ANY PROGRESS PAYMENTS UNTIL THE FINAL INVOICE IS ACCEPTED. PROGRESS REPORTS MUST BE SUBMITTED AND APPROVED BY THE AGENCY PRIOR TO ANY PROGRESS PAYMENT MADE."</p> <p>CLARIFICATION TO RFQ: EVALUATION OF THIS RFQ WILL BE BASED ON A LUMP SUM COST TO PROVIDE THE INFRASTRUCTURE CABLE PER PAGE 004 AND 005 OF THIS ADDENDUM, INSTALLATION, AND ALL OTHER HARDWARE AND INSTALLATION REQUIREMENTS AS LISTED IN THIS RFQ AND THE ADDENDUM.</p> <p>***** END ADDENDUM NO. 1 *****</p> <p>TELECOMMUNICATIONS DISTRIBUTION INFRASTRUCTURE CABLE</p>						

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Addendum for ISCG0150

003

1. Is prevailing wage rates – electrician rates – to be used on this job?
This is considered a construction project. Refer to ...
Dept. of Labor <http://www.labor.state.wv.us/wage/default.html>
Secretary of State <http://www.wvsos.com/adlaw/wagerates/building07.htm>

2. Is firestopping required in the tray? How is firestopping to be done? Do specifications show pillows for firestopping? Is firestopping part of phase 1 or phase 2? (vendor asked if this was duplicate effort) How is firestopping to be removed and put back (for Phase 2 or future expansion)? Is there to be firestopping around bulk heads and double swinging doors?
All firestopping will be accomplished using Wiremold flamestopper units or equal.
<http://www.wiremold.com/flamestopper/home.asp>
http://www.wiremold.com/shared_content/pdf/ed1312.pdf
All firestop must have a 4 hour rating.
The amount of firestop units required will equal or exceed the capacity of the largest cable tray that is served by the penetration.
No more than a 70% fill rate is allowed on any firestop unit.
Firestopping will be installed in phase one.
Phase two will be responsible for maintaining the integrity of the installed firestopping.
Both phases have the same requirements.
Firestopping is required at all locations the cable tray pathway penetrates a wall.

3. Does 45 days for installation include the measuring of job and the ordering of materials?
Yes. The State will adjust timelines if required.

4. Can the ceiling tiles, to be removed in the Main Unit, be trashed or will they go to Surplus?
The ceiling tiles in the Main Unit will be considered trash. The vendor will dispose of the removed tiles in a designated area or dumpster.

5. Can the original tiles be put back up in the basement wings?
Yes, if they are not damaged during removal. The requirement states that the ceiling must be returned to the original finish.

6. Is the successful vendor responsible for holes?
Only the ones the vendor makes.

7. Will there be space for staging materials?
Yes.

8. What are the working hours?
Hours can be flexible and varied but must be approved by Protective Services, General Services and Office of Technology.

9. Where does vendor park during project?
There is vendor parking (first come first serve) on the parking lot behind Building 3, the DMV Building, additional parking is available at Laidley Field. Equipment may be unloaded in the loading dock areas but vehicles will not be allowed to remain there.

10. Will accurate counts be provided in the addendum?
The State has included in this addendum additional information for the rooms.
11. Suddenlink will provide hard-line cable – vendor will install with cable from this project.
Is Suddenlink cable to be terminated?
No. The only requirement is for the vendor to place the provided cable into the tray to designated rooms.
12. Will results be on CDRom?
The addendum will not be provided on CD by the State. As built drawings and test results will be provided on CD by the vendor.
13. Will all copper be plenum? Will fiber be armored?
All newly installed copper cable must be plenum rated and all newly installed fiber must be armored and plenum rated.
14. Does state want single mode or multi-mode or hybrid?
The vendor may use hybrid cable but the strand count may not exceed 24 single mode and 48 multi mode in one sheath. The use of non hybrid cable is acceptable but the strand count may not exceed 24 single mode or 48 multi mode in one sheath.
15. What / where is termination equipment?
All termination hardware will be accomplished using Systemax products or equal. The State has included in this addendum additional information for the rooms. All installed copper pairs and fiber strands must be terminated and tested to manufactures specifications.
16. Can the State push the bid date back?
The new bid opening date will be May 31, 2007

Infrastructure Cabling Requirements

*All copper pair counts and fiber strand counts terminate in and extend from Room MB 66
(except where noted with a *)
to each designated room where all pair counts and fiber strand counts terminate.*

Main Unit

MB 44	Copper Cat 3	200 Pair
	Copper Cat 6	16 Pair
	Fiber Multi Mode	12 Strand
	Fiber Single Mode	6 Strand

***1 These cables will run between MB 44 and listed room**

MB 2 SW *1	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 2 NW *1	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 3 SW *1	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 3 NW *1	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 99	Copper Cat 3	200 Pair
	Copper Cat 6	16 Pair
	Fiber Multi Mode	12 Strand
	Fiber Single Mode	6 Strand

***2 These cables will run between MB 99 and listed room**

MB 2 SE *2	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 2 NE *2	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 3 SE *2	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

MB 3 NE *2	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair

East Wing

EB 61	Copper Cat 3	400 Pair
	Copper Cat 6	24 Pair
	Fiber Multi Mode	12 Strand
	Fiber Single Mode	6 Strand

EB 90	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair
	Fiber Multi Mode	96 Strand
	Fiber Single Mode	48 Strand

1 EA	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair
	Fiber Multi Mode	6 Strand
	Fiber Single Mode	6 Strand

West Wing

WB 04	Copper Cat 3	400 Pair
	Copper Cat 6	24 Pair
	Fiber Multi Mode	96 Strand
	Fiber Single Mode	48 Strand

1 WA	Copper Cat 3	50 Pair
	Copper Cat 6	16 Pair
	Fiber Multi Mode	6 Strand
	Fiber Single Mode	6 Strand

Terminating Unit Requirements

These units with associated hardware will be used for infrastructure terminations.
All parts are as specified or equal.

Room MB 66

Copper Terminations

Chatsworth Products Inc.

- One XLBET 110A BLOCK MOUNTING SYSTEM
Part number 11810-X36 Kit
(3600 pair/12 blocks/single sided) consists of:
- (1) 23" Standard Rack, 6" deep (P/N 66383-X03)
 - (6) XLBET Mounting Bars (P/N 11770-X23)
 - (3) XLBET Small Wire Managers (P/N 11771-X23)
 - (3) XLBET Large Wire Managers (P/N 11772-X23)

SYSTIMAX GigaSPEED XL

- Two 1100GS3-48 Modular Patch Panel Universal A/B 48xRJ45 760062364

Fiber Termination

SYSTIMAX 600G2 System

Single Mode East Wing

- One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324
Two RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867
Four MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode East Wing

- One 600G2-2U-MOD-SD 600G2 Modular Shelf, 2U, Slide 760032086
Two RS-4AF-16SF RoloSplice Kit E/W 4x Fusion Splice Tray for 2U Shelf 760031856
Eight MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

Single Mode West Wing

- One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324
Two RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867
Four MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode West Wing

- One 600G2-2U-MOD-SD 600G2 Modular Shelf, 2U, Slide 760032086
Two RS-4AF-16SF RoloSplice Kit E/W 4x Fusion Splice Tray for 2U Shelf 760031856
Eight MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

Room MB 99**Copper Terminations****SYSTIMAX****GigaSPEED XL**

Three 1100GS3-24 Modular Patch Panel Universal A/B 24xRJ45 760062356

One 110PA2-300FT 24.68 in (62.69 cm) Field Terminated 5 300 107058802

Fiber Terminations**SYSTIMAX 600G2 System****Single Mode**

One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324

One RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867

One MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode

One MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

Room MB 44**Copper Terminations****SYSTIMAX****GigaSPEED XL**

Three 1100GS3-24 Modular Patch Panel Universal A/B 24xRJ45 760062356

One 110PA2-300FT 24.68 in (62.69 cm) Field Terminated 5 300 107058802

Fiber Terminations**SYSTIMAX 600G2 System****Single Mode**

One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324

One RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867

One MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode

One MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

East Wing**Room EB 90****Copper Terminations****GigaSPEED XL**

One 1100GS3-24 Modular Patch Panel Universal A/B 24xRJ45 760062356

Fiber Terminations**SYSTIMAX 600G2 System****Single Mode**

One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324
 Two RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867
 Four MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode

One 600G2-2U-MOD-SD 600G2 Modular Shelf, 2U, Slide 760032086
 Two RS-4AF-16SF RoloSplice Kit E/W 4x Fusion Splice Tray for 2U Shelf 760031856
 Eight MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

Room EB 61**Copper Terminations****GigaSPEED XL**

One 1100GS3-24 Modular Patch Panel Universal A/B 24xRJ45 760062356

One 110PA2-900FT 61.70 in (156.72 cm) Field Terminated 5 900 107058851

Fiber Terminations**SYSTIMAX 600G2 System****Single Mode**

One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324
 One RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867
 One MODG2-12LC-SM-PT G2 Module with 12LC TeraSPEED Pigtailes 760031039

Multi Mode

One MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtailes 760027748

West Wing

Room WB 04

Copper Terminations

GigaSPEED XL

One 1100GS3-24 Modular Patch Panel Universal A/B 24xRJ45 760062356

One 110PA2-900FT 61.70 in (156.72 cm) Field Terminated 5 900 107058851

Fiber Terminations

SYSTIMAX 600G2 System

Single Mode

One 600G2-1U-MOD-SD 600G2 Modular Shelf, 1U, Slide 760028324

Two RS-2AF-16SF RoloSplice Kit E/W 2x Fusion Splice Tray for 1U Shelf 760039867

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Multi Mode

One 600G2-2U-MOD-SD 600G2 Modular Shelf, 2U, Slide 760032086

Two RS-4AF-16SF RoloSplice Kit E/W 4x Fusion Splice Tray for 2U Shelf 760031856

Eight MODG2-12LC-LS-PT G2 Module with 12LC LazrSPEED 550 Pigtaills 760027748

Optional Miscellaneous (Prices Only)

Systemax Items

Ten Reels	2091004AYL R1000 4 Yellow 1,000 ft (305 m) Reel 760024224
Ten Reels	3091004AWH R1000 4 White 1,000 ft (305 m) Reel 760023226
Twenty	MGS500 information outlet, MGS500-123 Yellow 760023572
Ten	M13FP-246 Single Gang Frame Ivory 760010017
Ten	M102SMB-B-246 Electrical Ivory 107984049
One	PoE 2400G 24-Port PoE Device with Remote Management 760031591
One	RK100A RACK 19 in Black 45U 84 in 3 in 750 lbs 32 lbs 108527441
One	RK130A RACK 19 in Black 45U 84 in 6 in 750 lbs 38 lbs 108867151
One	GV100A Std Vertical CA Mgr, Single Sided Black 7 ft 108527560
Ten pkgs	5-Pair (110C-5) Connecting Blocks 10/pkg 103801254
One	110 Wiring Block 110AW2-300 300 A 107059917
1000 feet	6 strand multi mode fiber as per RFQ specifications
1000 feet	6 strand single mode fiber as per RFQ specifications

Copper Cat 3 Cable

1000 feet	300 pair 24ga. Plenum rated
1000 feet	200 pair 24ga. Plenum rated
1000 feet	100 pair 24ga. Plenum rated
1000 feet	50 pair 24ga. Plenum rated

Print Company Name	Print and Sign Attendee's Name	Company Mailing Address	Phone and Fax No.	e-mail address
Augusta Construction Services, Inc	GARY JEFFERS Gary Jeffers	Young's Industrial Building #14 927 Charlotte Harbor Drive Charlotte Harbor, FL 33311	304-414-4009	gj=ffers@augustacon.com
Mon Valley Technologies	Bob Bishop Rebecca	3564 River Road Morgantown, WV 26501	304 278-7773 304 278-7404	RBISHOP@MUTECH.US
Verizon	Sandy Hawkins Sandy Hawkins	1410 MacCorkle Ave SE Chas WV 26314	304 344-6700 304 341-1464 fax	Sandra.K.hawkins@verizonbusiness.com
Verizon	Lance Host _____	827 Fairmont Rd suite 204 Morgantown, WV	304-284-0502 304-284-0500 fax	lawrence, host@verizon.com
City Electric	Frank Hopson F. H	P.O. Box 6550 Chas. 25362	304-345-6150 304-345-6151	fhopson@cityelectricwv.com
City Electric	Rennae Short	"	"	RShort@cityelectricwv.com
Advanced Electric Inc.	Briey Mae _____	Advanced Electric 229 Chapman St Chas, West Virginia 25304	304-345-5530 304-345-5534	AE@ATACOMM.COM @Verizon.net
Advanced Electric	Richard Mace Carl M	"	"	"

SIGN IN SHEET FOR RFQ # ISCG0150

May 02, 2007

Print Company Name	Print and Sign Attendee's Name	Company Mailing Address	Phone and Fax No.	e-mail address
ELECTRONIC SPECIALTY COMPANY	RAY HUNTER Ray Hunter	1325 DUNBAR AVE. DUNBAR, WV 25064	304-766-6277 304-766-6270	SEVICE@ELECTRONICSPECIALTY- COM TDHN@ELECTRONICSPECIALTY.COM
FORNIE NETWORKS	Theresa Letti Shonda Letti	TADSONS Branch RAD. McLean VA	703-929-7404	tpetti@ISCORP. COM
GRAYBAR ELECTRIC	KEVIN HYPES	1010 Young St CHARLESTON WV 25301	304-344-2371 304-344-0324	Kevin.hypes@gbar.com
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