

R E Q U E S T F O R B I D

**UNIFIED SCHOOL DISTRICT NO. 383
2031 POYNTZ AVENUE
MANHATTAN, KS 66502-5898
www.usd383.org**

DATE: February 5, 2020

Bid No. 1920-C-2
College Hill, Keith Noll Maintenance
Center, Anthony Middle School and
Eisenhower Network Cabling Projects

Sealed bids addressed to USD 383 Purchasing Department, will be received at 2031 Poyntz Ave., Manhattan, Kansas 66502, until **1:30 P.M., February 27, 2020** at which time the bids will be opened and read aloud. Bid envelope shall be plainly marked:

<p style="text-align: center;">SEALED BID FOR NETWORK CABLING PROJECTS DO NOT OPEN BEFORE February 27, 2020, 1:30 P.M.</p>
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Any bid received later than the specified time, whether delivered in person or mailed, shall be disqualified. The district reserves the right to reject any/or all bids and to accept the bid deemed most advantageous to the Manhattan-Ogden School District and to waive any formalities of bidding.

All bidders whose domicile is located outside the State of Kansas should furnish the school district with a copy of their state's preferential bidding statutes and the applicable percent received by in-state bidders from the state in which the contractor is located.

Jaime Gregory, Construction
Purchasing Accountant
Manhattan-Ogden School District #383

NOTICE TO BIDDERS

Items listed below apply to and become a part of the terms and conditions of this bid unless superseded by any supplemental specifications or conditions enclosed or attached hereto; in which case the attached or enclosed conditions will prevail.

- 1) Inquires or protests concerning this bid must be directed to Jaime Gregory at jaimeg@usd383.org or 785-587-2000. All concerns, inquiries or protests to specifications need to be addressed in writing before the bid opening. This may delay the bid opening until the matter can be resolved. Protests to the award of the bid need to be made by 5:00 P.M., C.S.T., the Friday following the Board of Education's award.
- 2) Bids should be submitted on the form(s) provided. Bids must be received in the Purchasing Department before the hour and date specified. Late bids will be disqualified and returned unopened. Please include detailed specifications and information on all proposed items. Failure to include information may result in the vendor's bid being considered not meeting the specifications.
- 3) Bids cannot be altered or amended after opening time. Any alterations made before opening time must be signed by the bidder or their agent. No bid can be withdrawn after opening time without the approval of the Purchasing Agent.
- 4) It is not the policy of the Manhattan Unified School District No. 383 to purchase on the basis of low bids alone. In evaluating bids submitted; price, service, responsiveness to bid instructions and conditions, and bidder qualifications will be taken into account. The district shall have the right to reject any or all bids, and in particular to reject a bid not accompanied by any required Security or data required by the bidding documents or a bid in any way incomplete or irregular.
- 5) Price quoted should be F.O.B. destination, inside delivery. The bid must clearly state the number of days required to deliver the product to the specified location. Failure to state delivery time obligates the bidder to make delivery in thirty (30) days. Deliveries shall be made during normal school hours unless prior approval has been obtained from the Purchasing Agent.
- 6) The use of brand name is for the purpose of describing the standard of quality, performance and characteristics desired and is not intended to limit or restrict competition. Bids on items equal to or superior to the above are invited, but bidders must submit complete specifications and descriptive materials in order to have their bids considered. Failure to submit adequate printed documentation with the bid may result in the determination of the bid being incomplete and nonresponsive.
- 7) Please state how long bid prices will remain in effect after bid has been awarded, failure to do so will allow prices to remain in effect until final bid award and contract has been carried out. All bids are approved by the Board of Education. Regular meetings of the Board of Education are held on the first and third Wednesday of

NOTICE TO BIDDERS cont.

each month but may be subject to change. Please allow five (5) business days for processing purchase orders, after the Board of Education has made the award.

- 8) When submitting a substitute article as equal, the full name and illustrated description must be given. The Board of Education reserves the right, however, to decide upon its suitability for the intended use. Upon request, samples of substitute articles must be submitted.
- 9) Envelopes containing bids must be sealed and marked on the lower left-hand corner with the firm name of the bidder and the bid number.
- 10) A purchase order constitutes the buyer's offer to the seller upon the terms and conditions state herein, and shall become a binding contract on the terms set forth herein when it is accepted either by acknowledgement or performance.
- 11) If the supplier refused or fails to make deliveries of the materials or supplies within the time specified on the face of the request for the bid of the purchase order, the Board of Education may, by written notice, terminate the right of the supplier to proceed with deliveries on such part or parts thereof as to which there has been delay.
- 12) Supplier shall certify and warrant that goods, personal property, channels and equipment sold and delivered are free and clear of any and all liens or claims of liens for materials or services arising under and by virtue of the provisions of General Statutes of Kansas, 1961 Supplement, Sections 5B-201, et. Seq., and any other lien, right or claim of any nature or kind whatsoever.
- 13) All items must be properly packed or crated to insure delivery in good condition, and in accordance with instructions listed on the face of the request for bid or purchase order, if any.
- 14) Rejected items will be held at the seller's risk and expense. No replacement of defective items shall be made by the seller unless agreed to by a Board of Education representative in writing.
- 15) Payment of the seller's invoice is subject to adjustment for any shortage, or for rejection of any item or items.
- 16) All items contained in bid are bid as separate items unless otherwise stated. In case of error in computations or totals, the unit price shall govern.
- 17) Termination: Should the awarded contractor be sold, merged or dissolved at any time during the contracted period, the District shall retain the right to withdraw and cancel any/all contract agreements without recourse from the original contracted entity. In such case, the District may solicit bids for services from eligible firms.

NOTICE TO BIDDERS cont.

18) Pursuant to the Kansas Act Against Discrimination, K.S.A. 44-1001 et seq., the following provisions are made a part of the terms and conditions of U.S.D. #383's contract-purchase orders, except where the contractor, vendor or supplier employs fewer than four (4) employees during the term of the contract-purchase order or whose contracts with this school district cumulatively totals five thousand dollars (\$5,000) or less during the fiscal year of the school district. Acceptance of such contract-purchase orders by the contractor shall constitute agreement to these terms and conditions. Contractor agrees that: (1) The contractor shall observe the provisions of the Kansas Act Against Discrimination and shall not discriminate against any person in the performance of work under the present contract-purchase order because of race, religion, color, sex, physical handicap unrelated to such person's ability to engage in the particular work, national origin or ancestry; (2) In all solicitations or advertisements for employees the contractor shall include the phrase, "equal opportunity employer", or a similar phrase to be approved by the Kansas Commission on Civil Rights; (3) If the contractor fails to comply with the manner in which the contractor reports to said commission in accordance with the provisions of K.S.A. 1976 Supp. 44-1031, as amended, the contractor shall be deemed to have breached the terms of this contract-purchase order, and it may be canceled, terminated or suspended, in whole or in part, by this purchaser; (4) If the contractor is found guilty of a violation of the Kansas Act Against Discrimination under a decision or order of the Kansas Commission on Civil Rights which has become final, the contractor shall be deemed to have breached the terms of this contract-purchase order, and it may be canceled, terminated or suspended, in whole or in part, by this purchaser; (5) The contractor shall include the provisions of paragraphs (1) through (4) inclusively of this paragraph in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.

College Hill Cabling Infrastructure Project

Material List

6,000'	...	Cat 6 Plenum, GCC, Blue, Pop Box	7131800
5,000'	...	Cat 6 Plenum, GCC, White, Pop-box	7131801
500'	...	Cat 6 Plenum, GCC, Orange, Pop Box	7131805
3,000'	...	Cat 6 Plenum, GCC, Green, Pop-box	7131806
0'	...	RG6, plenum, Gas Injected, Cable, White, Coleman	921015-06-01
44	...	Cat 6 Mini-Com TX6 Jack, Black Panduit, Data (for panel)	CJ688TGBL
44	...	Cat 6 Mini-Com TX6 Jack, Blue Panduit, Data (for Remote)	CJ688TGBU
37	...	Cat 3 Mini-Com USOC Jack, Off White Panduit (for panel)	CJ66UIWY
37	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Remote)	CJ66UIWY
0	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Wall Phone at Panel)	CJ66UIWY
4	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for panel)	CJ688TGOR
4	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for remote)	CJ688TGOR
24	...	Cat 6 Mod Jack, Panduit, Green, WAP (for panel)	CJ688TGGR
24	...	Cat 6 Mod Jack, Panduit, Green, WAP (for remote)	CJ688TGGR
0	...	F- Connector COAX Mod, White Panduit (for panel)	CMFIW
0	...	F- Connector COAX Mod, White Panduit (for remote)	CMFIW
0	...	IDEAL RG6 Plenum F Compression Connectors	92-660
1	...	24-port panel unloaded, unlabeled Panduit	CPP24WBLY
2	...	48-port panel unloaded, unlabeled Panduit	CPP48WBLY
30	...	2 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE2IW
6	...	4 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE4IW
0	...	6 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE6IW
0	...	8 Port Faceplate, Ultimate ID Executive, 2G, Sloped, Off White, Panduit	UICFPSE8IW-2G
0	...	1 Port Blank, Off White, Panduit	CMBIW-X
24	...	1 port Surface Mount Housing, Off White, Panduit	CBX1IW-A
0	...	LD10 Raceway, Off White, 8' Panduit	LD10IWH8-A
0	...	LD10 Drop Ceiling, Off White	DCF10IW-X
36	...	Single Gang Box, Off White, Panduit	JBX3510IW-A
0	...	Blank Plate, 1 Gang, Stainless Steel (matching existing blank plates)	SS13
0	...	Blank Plate, 2 Gang, Stainless Steel (matching existing blank plates)	SS23
Copper Feeder			
200'	...	25 Pair, Cat 5e, Plenum Rated, Berk-Tek	10059632
1	...	24 port, Cat 5e Patch Panel	DP245E88TGY
0	...	66 Block, 50 pr, split	S66M1-50
4	...	66 Block Bracket	S89B
Fiber Optics			
200'	...	6 Strand Fiber OM4 , Armored Interlock Plenum Indoor, Berk-Tek	006T88-31190-A3
2	...	Fiber Cabinet Rack Mounted, 1U, 24 Port Unloaded Panduit	FMT1
2	...	Fiber Adapter Patch Panel, 1U, 24 Port Unloaded Panduit	CFAPPBL1
2	...	6 LC Duplex 10 Gig OM3/OM4 Multimode Adapters (Aqua) Zirconia, Panduit	FAP6WAQDLCZ
4	...	Blank Fiber Adapter, Panduit	FAPB
2	...	Fiber Patch Cord, 50 Micron OM4, LC - LC, 1M Allen Tel	GBLC2-D5-02
2	...	6 Strand MM 50 Micron OM4, LC Fiber Pigtail Unit, 2M Quiktron	806-0L2-006-55L
1	...	Splice Tray, Mini, Plastic, 12 strand, Leviton	T5PLS-12F
0	...	Splice Tray, Mini, Plastic, 24 strand, Leviton	T5PLS-24F
6	...	Splice Sleeves	

Keith Noll Maintenance Building Cabling Infrastructure Project Material List

4,000'	...	Cat 6 Plenum, GCC, Blue, Pop Box	7131800
4,000'	...	Cat 6 Plenum, GCC, White, Pop-box	7131801
100'	...	Cat 6 Plenum, GCC, Orange, Pop Box	7131805
500'	...	Cat 6 Plenum, GCC, Green, Pop-box	7131806
700'	...	RG6, plenum, Gas Injected, Cable, White, Coleman	921015-06-01
38	...	Cat 6 Mini-Com TX6 Jack, Black Panduit, Data (for panel)	CJ688TGBL
38	...	Cat 6 Mini-Com TX6 Jack, Blue Panduit, Data (for Remote)	CJ688TGBU
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit (for panel)	CJ66UIWY
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Remote)	CJ66UIWY
0	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Wall Phone at Panel)	CJ66UIWY
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for panel)	CJ688TGOR
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for remote)	CJ688TGOR
7	...	Cat 6 Mod Jack, Panduit, Green, WAP (for panel)	CJ688TGGR
7	...	Cat 6 Mod Jack, Panduit, Green, WAP (for remote)	CJ688TGGR
6	...	F- Connector COAX Mod, White Panduit (for panel)	CMFIW
5	...	F- Connector COAX Mod, White Panduit (for remote)	CMFIW
0	...	IDEAL RG6 Plenum F Compression Connectors	92-660
1	...	24-port panel unloaded, unlabeled Panduit	CPP24WBLY
2	...	48-port panel unloaded, unlabeled Panduit	CPP48WBLY
36	...	2 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE2IW
2	...	4 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE4IW
0	...	6 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE6IW
0	...	8 Port Faceplate, Ultimate ID Executive, 2G, Sloped, Off White, Panduit	UICFPSE8IW-2G
0	...	1 Port Blank, Off White, Panduit	CMBIW-X
7	...	1 port Surface Mount Housing, Off White, Panduit	CBX1IW-A
0	...	LD10 Raceway, Off White, 8' Panduit	LD10IWH8-A
0	...	LD10 Drop Ceiling, Off White	DCF10IW-X
38	...	Single Gang Box, Off White, Panduit	JBX3510IW-A
0	...	Blank Plate, 1 Gang, Stainless Steel (matching existing blank plates)	SS13
0	...	Blank Plate, 2 Gang, Stainless Steel (matching existing blank plates)	SS23
Copper Feeder			
0'	...	25 Pair, Cat 5e, Plenum Rated, Berk-Tek	10059632
0	...	24 port, Cat 5e Patch Panel	DP245E88TGY
0	...	66 Block, 50 pr, split	S66M1-50
0	...	66 Block Bracket	S89B
Fiber Optics			
0'	...	6 Strand Fiber OM4 , Armored Interlock Plenum Indoor, Berk-Tek	006T88-31190-A3
0	...	Fiber Cabinet Rack Mounted, 1U, 24 Port Unloaded Panduit	FMT1
0	...	Fiber Adapter Patch Panel, 1U, 24 Port Unloaded Panduit	CFAPPBL1
0	...	6 LC Duplex 10 Gig OM3/OM4 Multimode Adapters (Aqua) Zirconia, Panduit	FAP6WAQDLCZ
0	...	Blank Fiber Adapter, Panduit	FAPB
0	...	Fiber Patch Cord, 50 Micron OM4, LC - LC, 1M Allen Tel	GBLC2-D5-02
0	...	6 Strand MM 50 Micron OM4, LC Fiber Pigtail Unit, 2M Quiktron	806-0L2-006-55L
0	...	Splice Tray, Mini, Plastic, 12 strand, Leviton	T5PLS-12F
0	...	Splice Tray, Mini, Plastic, 24 strand, Leviton	T5PLS-24F
0	...	Splice Sleeves	

Susan B. Anthony Middle School Cabling Infrastructure Project

Material List

8,000'	...	Cat 6 Plenum, GCC, Blue, Pop Box	7131800
6,000'	...	Cat 6 Plenum, GCC, White, Pop-box	7131801
80'	...	Cat 6 Plenum, GCC, Orange, Pop Box	7131805
1,200'	...	Cat 6 Plenum, GCC, Green, Pop-box	7131806
40'	...	RG6, plenum, Gas Injected, Cable, White, Coleman	921015-06-01
132	...	Cat 6 Mini-Com TX6 Jack, Black Panduit, Data (for panel)	CJ688TGBL
132	...	Cat 6 Mini-Com TX6 Jack, Blue Panduit, Data (for Remote)	CJ688TGBU
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit (for panel)	CJ66UIWY
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Remote)	CJ66UIWY
0	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Wall Phone at Panel)	CJ66UIWY
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for panel)	CJ688TGOR
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for remote)	CJ688TGOR
11	...	Cat 6 Mod Jack, Panduit, Green, WAP (for panel)	CJ688TGGR
11	...	Cat 6 Mod Jack, Panduit, Green, WAP (for remote)	CJ688TGGR
1	...	F- Connector COAX Mod, White Panduit (for panel)	CMFIW
1	...	F- Connector COAX Mod, White Panduit (for remote)	CMFIW
0	...	IDEAL RG6 Plenum F Compression Connectors	92-660
3	...	24-port panel unloaded, unlabeled Panduit	CPP24WBLY
3	...	48-port panel unloaded, unlabeled Panduit	CPP48WBLY
48	...	2 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE2IW
20	...	4 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE4IW
0	...	6 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE6IW
0	...	8 Port Faceplate, Ultimate ID Executive, 2G, Sloped, Off White, Panduit	UICFPSE8IW-2G
0	...	1 Port Blank, Off White, Panduit	CMBIW-X
11	...	1 port Surface Mount Housing, Off White, Panduit	CBX1IW-A
0	...	LD10 Raceway, Off White, 8' Panduit	LD10IWH8-A
0	...	LD10 Drop Ceiling, Off White	DCF10IW-X
70	...	Single Gang Box, Off White, Panduit	JBX3510IW-A
0	...	Blank Plate, 1 Gang, Stainless Steel (matching existing blank plates)	SS13
0	...	Blank Plate, 2 Gang, Stainless Steel (matching existing blank plates)	SS23
Copper Feeder			
0'	...	25 Pair, Cat 5e, Plenum Rated, Berk-Tek	10059632
0	...	24 port, Cat 5e Patch Panel	DP245E88TGY
0	...	66 Block, 50 pr, split	S66M1-50
0	...	66 Block Bracket	S89B
Fiber Optics			
0'	...	6 Strand Fiber OM4 , Armored Interlock Plenum Indoor, Berk-Tek	006T88-31190-A3
0	...	Fiber Cabinet Rack Mounted, 1U, 24 Port Unloaded Panduit	FMT1
0	...	Fiber Adapter Patch Panel, 1U, 24 Port Unloaded Panduit	CFAPPBL1
0	...	6 LC Duplex 10 Gig OM3/OM4 Multimode Adapters (Aqua) Zirconia, Panduit	FAP6WAQDLCZ
0	...	Blank Fiber Adapter, Panduit	FAPB
0	...	Fiber Patch Cord, 50 Micron OM4, LC - LC, 1M Allen Tel	GBLC2-D5-02
0	...	6 Strand MM 50 Micron OM4, LC Fiber Pigtail Unit, 2M Quiktron	806-0L2-006-55L
0	...	Splice Tray, Mini, Plastic, 12 strand, Leviton	T5PLS-12F
0	...	Splice Tray, Mini, Plastic, 24 strand, Leviton	T5PLS-24F
0	...	Splice Sleeves	

Dwight D. Eisenhower Middle School Cabling Infrastructure Project

Material List

8,000'	...	Cat 6 Plenum, GCC, Blue, Pop Box	7131800
6,000'	...	Cat 6 Plenum, GCC, White, Pop-box	7131801
80'	...	Cat 6 Plenum, GCC, Orange, Pop Box	7131805
1,200'	...	Cat 6 Plenum, GCC, Green, Pop-box	7131806
40'	...	RG6, plenum, Gas Injected, Cable, White, Coleman	921015-06-01
132	...	Cat 6 Mini-Com TX6 Jack, Black Panduit, Data (for panel)	CJ688TGBL
132	...	Cat 6 Mini-Com TX6 Jack, Blue Panduit, Data (for Remote)	CJ688TGBU
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit (for panel)	CJ66UIWY
36	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Remote)	CJ66UIWY
0	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Wall Phone at Panel)	CJ66UIWY
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for panel)	CJ688TGOR
1	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for remote)	CJ688TGOR
11	...	Cat 6 Mod Jack, Panduit, Green, WAP (for panel)	CJ688TGGR
11	...	Cat 6 Mod Jack, Panduit, Green, WAP (for remote)	CJ688TGGR
1	...	F- Connector COAX Mod, White Panduit (for panel)	CMFIW
1	...	F- Connector COAX Mod, White Panduit (for remote)	CMFIW
0	...	IDEAL RG6 Plenum F Compression Connectors	92-660
3	...	24-port panel unloaded, unlabeled Panduit	CPP24WBLY
3	...	48-port panel unloaded, unlabeled Panduit	CPP48WBLY
48	...	2 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE2IW
20	...	4 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE4IW
0	...	6 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE6IW
0	...	8 Port Faceplate, Ultimate ID Executive, 2G, Sloped, Off White, Panduit	UICFPSE8IW-2G
0	...	1 Port Blank, Off White, Panduit	CMBIW-X
11	...	1 port Surface Mount Housing, Off White, Panduit	CBX1IW-A
0	...	LD10 Raceway, Off White, 8' Panduit	LD10IWH8-A
0	...	LD10 Drop Ceiling, Off White	DCF10IW-X
70	...	Single Gang Box, Off White, Panduit	JBX3510IW-A
0	...	Blank Plate, 1 Gang, Stainless Steel (matching existing blank plates)	SS13
0	...	Blank Plate, 2 Gang, Stainless Steel (matching existing blank plates)	SS23
Copper Feeder			
0'	...	25 Pair, Cat 5e, Plenum Rated, Berk-Tek	10059632
0	...	24 port, Cat 5e Patch Panel	DP245E88TGY
0	...	66 Block, 50 pr, split	S66M1-50
0	...	66 Block Bracket	S89B
Fiber Optics			
0'	...	6 Strand Fiber OM4 , Armored Interlock Plenum Indoor, Berk-Tek	006T88-31190-A3
0	...	Fiber Cabinet Rack Mounted, 1U, 24 Port Unloaded Panduit	FMT1
0	...	Fiber Adapter Patch Panel, 1U, 24 Port Unloaded Panduit	CFAPPBL1
0	...	6 LC Duplex 10 Gig OM3/OM4 Multimode Adapters (Aqua) Zirconia, Panduit	FAP6WAQDLCZ
0	...	Blank Fiber Adapter, Panduit	FAPB
0	...	Fiber Patch Cord, 50 Micron OM4, LC - LC, 1M Allen Tel	GBLC2-D5-02
0	...	6 Strand MM 50 Micron OM4, LC Fiber Pigtail Unit, 2M Quiktron	806-0L2-006-55L
0	...	Splice Tray, Mini, Plastic, 12 strand, Leviton	T5PLS-12F
0	...	Splice Tray, Mini, Plastic, 24 strand, Leviton	T5PLS-24F
0	...	Splice Sleeves	

Consolidated Cabling Infrastructure Project Material List

26,000'	...	Cat 6 Plenum, GCC, Blue, Pop Box	7131800
21,000'	...	Cat 6 Plenum, GCC, White, Pop-box	7131801
760'	...	Cat 6 Plenum, GCC, Orange, Pop Box	7131805
5,900'	...	Cat 6 Plenum, GCC, Green, Pop-box	7131806
780'	...	RG6, plenum, Gas Injected, Cable, White, Coleman	921015-06-01
346	...	Cat 6 Mini-Com TX6 Jack, Black Panduit, Data (for panel)	CJ688TGBL
346	...	Cat 6 Mini-Com TX6 Jack, Blue Panduit, Data (for Remote)	CJ688TGBU
145	...	Cat 3 Mini-Com USOC Jack, Off White Panduit (for panel)	CJ66UIWY
145	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Remote)	CJ66UIWY
0	...	Cat 3 Mini-Com USOC Jack, Off White Panduit, Voice (for Wall Phone at Panel)	CJ66UIWY
7	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for panel)	CJ688TGOR
7	...	Cat 6 Mini-Com TX6, Panduit, Orange, Camera (for remote)	CJ688TGOR
53	...	Cat 6 Mod Jack, Panduit, Green, WAP (for panel)	CJ688TGGR
53	...	Cat 6 Mod Jack, Panduit, Green, WAP (for remote)	CJ688TGGR
8	...	F- Connector COAX Mod, White Panduit (for panel)	CMFIW
7	...	F- Connector COAX Mod, White Panduit (for remote)	CMFIW
0	...	IDEAL RG6 Plenum F Compression Connectors	92-660
8	...	24-port panel unloaded, unlabeled Panduit	CPP24WBLY
10	...	48-port panel unloaded, unlabeled Panduit	CPP48WBLY
164	...	2 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE2IW
48	...	4 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE4IW
0	...	6 Port Faceplate, Ultimate ID Executive, 1G, Sloped, Off White, Panduit	UICFPSE6IW
0	...	8 Port Faceplate, Ultimate ID Executive, 2G, Sloped, Off White, Panduit	UICFPSE8IW-2G
0	...	1 Port Blank, Off White, Panduit	CMBIW-X
53	...	1 port Surface Mount Housing, Off White, Panduit	CBX1IW-A
0	...	LD10 Raceway, Off White, 8' Panduit	LD10WH8-A
0	...	LD10 Drop Ceiling, Off White	DCF10IW-X
220	...	Single Gang Box, Off White, Panduit	JBX3510IW-A
0	...	Blank Plate, 1 Gang, Stainless Steel (matching existing blank plates)	SS13
0	...	Blank Plate, 2 Gang, Stainless Steel (matching existing blank plates)	SS23
Copper Feeder			
200'	...	25 Pair, Cat 5e, Plenum Rated, Berk-Tek	10059632
1	...	24 port, Cat 5e Patch Panel	DP245E88TGY
0	...	66 Block, 50 pr, split	S66M1-50
4	...	66 Block Bracket	S89B
Fiber Optics			
200'	...	6 Strand Fiber OM4 , Armored Interlock Plenum Indoor, Berk-Tek	006T88-31190-A3
2	...	Fiber Cabinet Rack Mounted, 1U, 24 Port Unloaded Panduit	FMT1
2	...	Fiber Adapter Patch Panel, 1U, 24 Port Unloaded Panduit	CFAPPBL1
2	...	6 LC Duplex 10 Gig OM3/OM4 Multimode Adapters (Aqua) Zirconia, Panduit	FAP6WAQDLCZ
4	...	Blank Fiber Adapter, Panduit	FAPB
2	...	Fiber Patch Cord, 50 Micron OM4, LC - LC, 1M Allen Tel	GBLC2-D5-02
2	...	6 Strand MM 50 Micron OM4, LC Fiber Pigtail Unit, 2M Quiktron	806-0L2-006-55L
1	...	Splice Tray, Mini, Plastic, 12 strand, Leviton	T5PLS-12F
0	...	Splice Tray, Mini, Plastic, 24 strand, Leviton	T5PLS-24F
6	...	Splice Sleeves	

Bid Specifications- College Hill, Keith Noll Maintenance Center, Anthony Middle School and Eisenhower Network Cabling Projects

WORK TO BE DONE: Removal of existing wiring at Anthony and Eisenhower Middle Schools (as identified in demo maps) and installation of Data, Voice, Wireless and Fiber Optic cabling and connections, as defined by the bid sheet and map walkthrough information. Fiber connections to be made from Main Data Facility (MDF) to sites within the building Individual Data Facilities (IDF) to act as connections for Data, Voice and Wireless connections.

SCOPE OF WORK: Install Data, Voice, and Wireless Category 6 cabling system to include cable and connectors. Each cable will be terminated at locations specified via plans and walkthrough. Data, Voice, and Wireless jacks will be labeled at the faceplates and patch panels, and tested to industry specifications. All fiber optic strands will be terminated using LC connectors and will be tested to industry standards for power loss. All Category 6 connections must be tested to industry standards for Pass/Fail, length, and attenuation. All results must be provided to district representatives before final payment is made.

TIMELINES: Timelines for all projects will be presented at the pre-bid meeting as well as in an addendum posted by Feb. 14th, 2020. Project timelines will be subject to change and vendors will need to work with CMAR's on all projects for specific details.

For specifics on the project and to request maps of the site contact David Apgar – davida@usd383.org, 785-587-2820 Opt. 2 Opt. 1

Color Coding Scheme

- Blue – Data (Category 6 Plenum)
- White - Phones(Category 6 Plenum)
- Green - Access Points (Category 6 Plenum)
- Orange – Cameras (Category 6 Plenum)
- Yellow – Door Locks (Category 6 Plenum)
- Red – Fire System (Category 6 Plenum)
- Purple – Outdoor Video Signs (Category 6)
- Black – Cable TV (RG-6 Plenum)

- Data Connection/Punch-Down Standard – Panduit
 - Panduit Certification Required of Installers connecting ends or punching down
 - Panduit Required Connections and Materials to maintain Panduit warranty
 - **Installers must be Panduit Certified (and verified).**

- Identification and Numbering of All Connected Equipment to District Standard
 - Service loops of six foot above connection as well as in Data Facility

- Data Closet Requirements – Main Data Facility (MDF) connected to Individual Data Facilities (IDF) needed throughout the new or renovated spaces. 50 micron fiber connecting from IDF to MDF. Data runs of no longer than 150 foot (including service loops). Numbers of IDFs to be determined by the size of the new or renovated space.
 - Main Data Facility size (one needed for each facility) – Minimum 8' x 12'
 - Individual Data Facility size (determined by the new or renovated space) – Minimum 5' x 7'
 - MDFs must have ¾" plywood for both rack and phone connections. IDFs only require plywood for rack enclosure (MDF – 4'x4' for rack and 8'x4' for phone blocks – able to hold 400 lbs; IDF – 4'x4' and hold 200 lbs)
 - Ground Wire to racks and isolated ground in the receptacles
 - Power requirements – MDF – 4-20Amp 4 plex outlets on separate circuits for a total of 80 Amps; IDF – 2-20 Amp 4 plex outlets on separate circuits for a total of 40 Amps

- Data Path – A data path will be necessary between closet and end point. For long connections cable tray is required. Between hallway and end point (above ceiling) a conduit or sleeve will be necessary. Conduit must be a minimum of 1 ¼ " for single data location, if multiple connections will be necessary to run through then larger conduit will be required (the loose fill ratio cannot exceed 60% of the conduit by IEEE Standards). A sleeve or conduit will be needed in locations of hard lid ceilings, connecting to rack mounted equipment and other exposed areas. Conduit exiting an MDF or IDF must be a minimum of 4" into a cable tray. Cable trays cannot be located under ductwork.

- If IDF Cabinet needs to be in exposed space (e.g., classroom, office, common space, etc.) then the lockable Chatsworth Cab Cube IT rack enclosure will be used (either 24x24 or 24x48x24 depending on the number of connections to be installed).

- Phone interconnect between an MDF and IDF will be Category 5 (either 25 or 50 pair – depending on the needs for the IDF)

- Elevators must have a plan for wired phone connection into the elevator car.

- HVAC System – Number of connections for JACE connections must be provided.

- Network integration with other systems needs to be identified early in construction process (e.g., Fire Alarm – phone system, HVAC – Network connections). This needs to include connection to wireless system as well.

Part numbers of recommended wiring equipment is listed on the following sheet.

Any changes must be cleared by district personnel prior to being bid. All items must meet Panduit certification (e.g., Panduit cable can be used in place of General cable; Belden, Mohawk, CommScope, Berk-Tek must be cleared by district personnel before purchase).

Prices good for 90 days.

*****There will be a non-mandatory pre-bid meeting on February 14, 2020, 10 a.m. at the IT Services facility to do a map “walkthrough” – 901 Poyntz Ave., Manhattan, KS (rear of the building, doors #7 or 8 on the loading dock). This parking area is only accessible from 10th Street. Contact David Apgar if there are questions.*****

BID RESPONSE SHEET
BID NO. 1920-C-2
College Hill, Keith Noll Maintenance Center,
Anthony Middle School and Eisenhower
Networking Projects DUE: February 27, 2020,
1:30 P.M.

We have read all guidelines stated in the notice to bidders and submit this quotation in accordance with stated conditions.

Authorized Signature _____ Date: _____

Company representing _____

Address: _____

Questions concerning this quotation may be directed to: _____
(please print or type name)

Telephone number (____) _____ , FAX number(____) _____

Email address _____

If State contract vendor, contract # _____

Price is good for 90 days _____

Installers Panduit Certified Yes No

(Please include copies of Panduit Certification with bid materials.)

Cost for College Hill Project _____

Cost for Keith Noll Maintenance Center Project _____

Cost for Susan B. Anthony Middle School (Office/Library Project) _____

Cost for Dwight D. Eisenhower Middle School (Office/Library) Project _____

Total Cost to Complete All Four Wiring Projects* _____

*Bidders can choose to provide costs for one or all projects. Bidders wishing to provide a combined total package cost can provide it here.