

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

**ITEMS REQUIRING BOCC APPROVAL  
5 ITEMS**

**1. ROAD IMPROVEMENTS -- PUBLIC WORKS**

**FUNDING -- PUBLIC WORKS**

(Request sent to eight vendors)

RFB #16-0038 S/C pending

|  |                                  |                    |                      |                     |
|--|----------------------------------|--------------------|----------------------|---------------------|
| Engineer's Estimate: \$ 1,672,843.50                               | <b>Andale Construction, Inc.</b> |                    |                      |                     |
| Road Improvement - 93rd St N. between Meridian and Broadway (R338) | <b>\$1,397,022.60</b>            |                    |                      |                     |
| Bid Bond   | <b>Yes</b>                       |                    |                      |                     |
| No Bid   | Mies Construction                | Nowak Construction | Dondlinger & Sons    | Klaver Construction |
|  | Vogts-Parga Construction         | Peltz Companies    | Pearson Construction |                     |

On behalf of Public Works, recommend to **accept the bid from Andale Construction, Inc., in the amount of \$1,397,022.60.**

This project includes grading, Roller Compacted Concrete (RCC) Surfacing, Reinforced Concrete Box (RCB) culverts, guardrail, pavement marking, and seeding on 93rd Street North between Meridian and Broadway.

This is a joint construction project with the City of Valley Center. The City of Valley Center approved funding for this project on June 7, 2016.

The approval of this item will be contingent on the approval of funding agreement and CIP amendment, both to be considered at the June 22nd BOCC meeting under the Consent Agenda.

Vendors were contacted to find out why they didn't bid. There are more projects available to bid, than crews to do the work.

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

**2. 2016 BOND TEKK (R175J) -- PUBLIC WORKS**

**FUNDING -- R175 PREVENTIVE MX-16**

(Request sent to 46 vendors)

RFB #16-0058 S/C #8000087826

|   |                                 |                                      |                                |
|---|---------------------------------|--------------------------------------|--------------------------------|
| Engineer's Estimate: \$1,000,189.75   | Flint Hills Materials           | APAC - Kansas, Inc., Shears Division | <b>Cornejo &amp; Sons, LLC</b> |
| Bonded Dense - Graded Hot Mix Asphalt Overlay & Pavement Marking on selected roads in Sedgwick County, Kansas | \$590,053.97                    | \$619,529.39                         | <b>\$550,064.19</b>            |
| Bid Bond  | Y                               | Y                                    | Y                              |
| No Bids   | Wildcat Construction Co., Inc.  | B & B Bridge Company, L.L.C.         | King Construction Co., Inc.    |
|   | Mies Construction Inc.          | Unruh Excavating, L.L.C.             | Dondlinger & Sons Construction |
|   | Reece Construction              | Nowak Construction                   | Cillessen & Sons               |
|   | Shilling Construction Co., Inc. | Bob Bergkamp Construction            |                                |

On behalf of Public Works, recommend to **accept the low bid from Cornejo & Sons, LLC, in the amount of \$550,064.19.**

Bond Tekk is a dense-graded BM-1(bituminous mix) of finer aggregate which creates a 1" overlay for a smoother driving surface. It will be used to fill ruts and revitalize surfaces for approximately 8.1 of miles selected county roads.

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

**1. ON-CALL ELEVATOR MAINTENANCE -- FACILITIES DEPARTMENT**

**FUNDING -- FACILITIES DEPARTMENT**

(Request sent to 17 vendors)

RFB #16-0056 Contract

|   | Number of Elevators | Interstate Elevator Inc. |                     | Otis Elevator Company       |                    | ThyssenKrupp Elevator          |                    | Minnesota Elevator, Inc. |                    |
|---|---------------------|--------------------------|---------------------|-----------------------------|--------------------|--------------------------------|--------------------|--------------------------|--------------------|
|   |                     | Monthly                  | Annually            | Monthly                     | Annually           | Monthly                        | Annually           | Monthly                  | Annually           |
| 1. Adult Detention Facility (141 W. Elm)          | 9                   | \$1,800.00               | \$21,600.00         | \$1,305.00                  | \$15,660.00        | \$1,575.00                     | \$18,900.00        | <b>\$990.00</b>          | <b>\$11,880.00</b> |
| 2. Ark Valley Lodge (615 N. Main)                 | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 3. Community Corrections (905 N. Main)            | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 4. EMS Administration (1015 Stillwell)            | 1                   | \$180.00                 | \$2,160.00          | \$130.00                    | \$1,560.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 5. Historic Courthouse (510 N. Main)              | 1                   | \$350.00                 | \$4,200.00          | \$145.00                    | \$1,740.00         | \$575.00                       | \$6,900.00         | <b>\$243.89</b>          | <b>\$2,926.68</b>  |
| 6. Munger Building (538 N. Main)                  | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 7. Juvenile Court Complex (1700 E. Morris)        | 2                   | \$360.00                 | \$4,320.00          | \$290.00                    | \$3,480.00         | \$350.00                       | \$4,200.00         | <b>\$220.00</b>          | <b>\$2,640.00</b>  |
| 8. Juvenile Detention Facility (700 S. Hydraulic) | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 9. Main Courthouse (525 N. Main)                  | 8                   | \$4,540.00               | \$54,480.00         | \$2,945.00                  | \$35,340.00        | \$3,375.00                     | \$40,500.00        | <b>\$2,046.12</b>        | <b>\$24,553.44</b> |
| 10. Public Safety (714 N. Main)                   | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 11. Public Works (1144 S. Seneca)                 | 1                   | \$180.00                 | \$2,160.00          | \$145.00                    | \$1,740.00         | \$175.00                       | \$2,100.00         | <b>\$110.00</b>          | <b>\$1,320.00</b>  |
| 12. 271 Building (271 W. 3rd St.)                 | 3                   | \$600.00                 | \$7,200.00          | \$435.00                    | \$5,220.00         | \$525.00                       | \$6,300.00         | <b>\$330.00</b>          | <b>\$3,960.00</b>  |
| 13. Parking Garage (603 N. Main)                  | 2                   | \$360.00                 | \$4,320.00          | \$290.00                    | \$3,480.00         | \$350.00                       | \$4,200.00         | <b>\$220.00</b>          | <b>\$2,640.00</b>  |
| <b>Total</b>                                      |                     |                          | <b>\$111,240.00</b> |                             | <b>\$76,920.00</b> |                                | <b>\$95,700.00</b> |                          | <b>\$57,840.12</b> |
| Acknowledge Addenda                               |                     | Y                        |                     | Y                           |                    | Y                              |                    | Y                        |                    |
| No Bids   |                     | Country Home Elevator    |                     | Lins Elevator Service, Inc. |                    | Stanley Elevator Company, Inc. |                    | Kone Inc.                |                    |

On behalf of the Facilities Department, recommend to **accept the bid from Minnesota Elevator, Inc. at the rates listed for three (3) years with two (2) one (1) year options to renew.**

Services acquired under this contract will ensure the proper maintenance and repair of all elevators in each facility listed above. Interstate Elevator Inc. is our current contractor. 2015 approximate spend was \$77,295.99. The new contract will start July 1, 2016.

Minnesota Elevator, Inc. is based out of Minnesota with branch offices in both Kansas City and Wichita.

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

**ON-CALL BALLOT PRINTING -- ELECTION OFFICE  
FUNDING -- ELECTION OFFICE**

(Request sent to 96 vendors)

RFB #16-0065 Contract

|  |  |
|--|--|
|  | <b>Mainline Printing, Inc.</b>                         |
| 1. Each, Charge per Ballot Style (1 - front and 1-back per style)      | <b>\$63.50</b>   |
| 80 lb. Index - price per 1000  |  |
| 2. Charge for paper  |  |
| 2a. 8-1/2 X 11 white paper   | <b>\$71.25</b>   |
| 2b. 8-1/2 X 14 white paper   | <b>\$79.25</b>   |
| 2c. 8-1/2 X 17 white paper   | <b>\$87.25</b>   |
| 2d. 8-1/2 X 19 white paper   | <b>\$114.50</b>  |
| 3. Each, Test Deck (7 ballots fo each ballot style, including freight) | <b>\$1,595.00</b>                                      |
| 4. Per 100, Charge for Additional Ballot Order (per 100 ballots)       | <b>\$17.75</b>   |
| 5. Paper Manufacturer  | <b>ES Countrite Ballot - 80# Text</b>                  |
| No Bid   | Rand Graphics, Inc.                                    |
|  | Pirtle Investments dba Documents<br>OnCommand Services |
|  | Hesston Prestige Printing                              |
|  | The Print Source, Inc.                                 |
|  | Printingplus, Inc.                                     |
|  | ARC Document Solutions                                 |
|  | Staples  |
|  | Sharpe Printing Co.                                    |
|  | H&H Printing Co.                                       |
|  | Signature Offset                                       |

On behalf of the Election Office, recommend to **accept the bid from Mainline Printing, Inc. at the rates listed for one (1) year with two (2), one (1) year options to renew.**

The Election Office has the majority of their ballot printing done in-house, however it is necessary to have an external vendor on-call for these services in the event of equipment failure/malfunction or staffing issues that may arise during the time ballots are printed.

These services are in place as a back-up solution or to supplement the ballots being printed in-house, therefore no estimated annual cost is available at this time.

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**5. AUDIO VISUAL EQUIPMENT AND INSTALLATION -- METROPOLITAN AREA PLANNING**

**DEPARTMENT (MAPD)**

**FUNDING -ACQ/RENO IRS BUIDLING**

(Request sent to 92 vendors)

RFB #16-0049 S/C #8000088174

| Conference Technologies, Inc.    |     |                    |   |            |               |
|----------------------------------|-----|--------------------|---|------------|---------------|
| Line Item                        | Qty | Part Number        | Description   | Unit Cost  | Extended Cost |
| <b>Display Systems Equipment</b> |     |                    |   |            |               |
| 1.                               | 1   | CP-WX8265          | Hitachi WXGA 6500lm Install Projector. 2 HDMI inputs, Accentualizer Mode, Dicom Mode, Power Zoom/Focus, Powered V/H Lens Shift, Ships with 2.0x zoom lens, Picture-by-Picture (HDMI + HDMI), Monitor/Control & Content over IP via Network Function, (Optional Lenses Available). | \$2,554.44 | \$2,554.44    |
| 2.                               | 1   | RPAUW              | Chief UNIVERSAL RPA WHITE   | \$134.27   | \$134.27      |
| 3.                               | 1   | CMS006W            | Chief FIXED PIPE 6" WHITE   | \$11.14    | \$11.14       |
| 4.                               | 1   | CB-MNT1            | FSR CB Mounting Kit w/ 4 x 100" Cables w/ quick adjusts   | \$33.22    | \$33.22       |
| 5.                               | 1   | CB-22P             | FSR 2'x2' CB w/ 2 1 RU Mnts, 7 AC and Proj Pole Adtr  | \$509.17   | \$509.17      |
| 6.                               | 1   | 20858LS            | Da-Lite ADVANTAGE 123D 65X104NPA MW   | \$1,603.33 | \$1,603.33    |
| 7.                               | 1   | AS222WM-BK         | NEC AccuSync AS222WM-BK, 22" LED Backlit Widescreen LCD monitor, 1920 X 1080, NaViSet, Digital / Analog Inputs, Multimedia, Black, 3 Year Warranty  | \$180.00   | \$180.00      |
| <b>Video Systems Equipment</b>   |     |                    |   |            |               |
| 8.                               | 1   | DMPS3-4K-150-C     | Crestron 3-Series 4K DigitalMedia Presentation System 150   | \$2,777.78 | \$2,777.78    |
| 9.                               | 1   | DM-RMC-SCALER-C    | Crestron DigitalMedia 8G+ Receiver & Room Controller w/Scaler   | \$777.78   | \$777.78      |
| 10.                              | 1   | DN-500BD           | Denon 1RU Blu-ray Disc Player   | \$311.11   | \$311.11      |
| 11.                              | 1   | HD-EXT3-C-B_SYSTEM | Crestron 4K HDMI over HDBaseT Extender w/IR & RS-232, Black; includes HD-RX3-C-B and HD-TX3-C-B   | \$555.56   | \$555.56      |

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|                         |    |                            |  |            |             |
|-------------------------|----|----------------------------|--|------------|-------------|
| 12.                     | 1  | CBLR2-VGA                  | Crestron Cable Retractor for FlipTops , VGA  | \$250.00   | \$250.00    |
| 13.                     | 1  | CBLR2-AUDIO                | Crestron Cable Retractor for FlipTops , Audio  | \$250.00   | \$250.00    |
| 14.                     | 1  | CBLR2-HD                   | Crestron Cable Retractor for FlipTops , HDMI   | \$250.00   | \$250.00    |
| 15.                     | 1  | CBLR2-CAT5E                | Crestron Cable Retractor for FlipTops , CAT5e  | \$250.00   | \$250.00    |
| 16.                     | 2  | CBLR2-<br>INSERT-<br>BLANK | Crestron Blank Spacer Insert for Cable Retractor Mounting Brackets   | \$16.67    | \$33.34     |
| 17.                     | 1  | FT-600-B                   | Crestron FlipTop Basic, Black Anodized   | \$277.78   | \$277.78    |
| 18.                     | 1  | DM-TX-401-C                | Crestron DigitalMedia 8G+ Transmitter 401, includes PW-2407WU  | \$1,111.11 | \$1,111.11  |
| 19.                     | 1  | DM-TX-4K-302-C             | Crestron 4K DigitalMedia 8G+ Transmitter 302   | \$1,111.11 | \$1,111.11  |
| Audio Systems Equipment |    |                            |  |            |             |
| 20.                     | 23 | WC-DD3-C                   | Listen Technologies WDC G3 Delegate,Mic & Batt Pk  | \$1,220.56 | \$28,072.88 |
| 21.                     | 1  | WC-CD3-C                   | Listen Technologies WDC G3 Chair Unit, Mic&Batt Pk   | \$1,346.94 | \$1,346.94  |
| 22.                     | 1  | WC-WCAP3-C                 | Listen Technologies WDC G3 Access Point,Pwr Spply  | \$3,242.06 | \$3,242.06  |
| 23.                     | 4  | WC-CHT                     | Listen Technologies WDC Charge Tray for 6 Batt Pks   | \$996.67   | \$3,986.68  |
| 24.                     | 2  | WC-CHC                     | Listen Technologies WDC 12Un Sys Charge/Carry Case   | \$1,372.22 | \$2,744.44  |
| 25.                     | 1  | ATW-A3D                    | Audio-Technica Pair of UHF half wave antennas (655-680 MHz)  | \$43.33    | \$43.33     |
| 26.                     | 1  | ATW-DA49                   | Audio-Technica UHF wide-band active unity-gain antenna distribution system (440-900 MHz)   | \$310.00   | \$310.00    |
| 27.                     | 2  | AT8630                     | Audio-Technica Rack-mount Joining-plate Kit  | \$17.22    | \$34.44     |
| 28.                     | 2  | ATW-3141BD                 | Audio-Technica 5000 Series wireless System includes: ATW-R3100b receiver and ATW-T341b handheld cardioid dynamic microphone/transmitter (TX 44-40) | \$454.44   | \$908.88    |

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|                                       |    |                   |  |            |            |
|---------------------------------------|----|-------------------|--|------------|------------|
| 29.                                   | 2  | ATW-3131BD        | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T310b UniPak transmitter with AT831cW lavalier microphone (TV 44-49)                    | \$454.44   | \$908.88   |
| 30.                                   | 1  | 398.9             | Blamp TesiraFORTE TI   | \$1,998.89 | \$1,998.89 |
| 31.                                   | 1  | CX302V            | QSC 2 channels, 250 watts/ch at 70V  | \$688.22   | \$688.22   |
| 32.                                   | 16 | FAP63T-W          | Atlas 6.5" Coaxial Speaker System with 70.7/100V-32W Transformer/8? Bypass & SFMS  | \$83.48    | \$1,335.68 |
| 33.                                   | 1  | LS-58-072         | Listen iDSP Advanced Level III Stationary RF System (72 MHz)   | \$1,710.06 | \$1,710.06 |
| 34.                                   | 1  | ES915C24          | Audio-Technica Cardioid Condenser Microphone   | \$191.50   | \$191.50   |
| <b>Control System Equipment</b>       |    |                   |  |            |            |
| 35.                                   | 1  | SG500-10MPP-K9-NA | Cisco 10 port Ethernet Switch  | \$314.43   | \$314.43   |
| 36.                                   | 1  | TSW-750-TTK-B-S   | Crestron Tabletop Kit for TSW-750 & TSW-752, Black Smooth  | \$111.11   | \$111.11   |
| 37.                                   | 1  | TSW-752-B-S       | Crestron 7" Touch Screen, Black Smooth   | \$888.89   | \$888.89   |
| <b>Rack Accessories and Furniture</b> |    |                   |  |            |            |
| 38.                                   | 1  | PD3006            | AV 11 Mid-size podium with full size document camera drawer. Divided interior with 10 space rack rails & tower computer compartments. Peer access door. Dimensions 40" H | \$1,732.22 | \$1,732.22 |
| 39.                                   | 5  | UFA-8-F2          | Middle Atlantic 1SP SHF 8"D W/2U FA,BPC  | \$33.22    | \$166.10   |
| 40.                                   | 2  | UD2               | Middle Atlantic 2SP UTIL.DRAWER,BLK  | \$82.29    | \$164.58   |
| 41.                                   | 3  | PD-915RV-RN       | Middle Atlantic 9 VERT OUTLET 15A RCKMT  | \$113.47   | \$340.41   |
| 42.                                   | 1  | PDT-1615C-NS      | Middle Atlantic PD THIN,1-15A,16 OUT,CORD  | \$97.62    | \$97.62    |
| 43.                                   | 1  | BR1               | Middle Atlantic 1SP PANEL W/BRUSH GROMMET  | \$31.69    | \$31.69    |
| 44.                                   | 1  | DCFANKIT-4        | Middle Atlantic DC FAN KIT 4 FANS 100CFM   | \$84.84    | \$84.84    |

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| 45.   | 1   | RKW-HD      | Middle Atlantic BRK/RK WHEEL KIT HEAVYDTY   | \$45.49    | \$45.49       |
|---|-----|-------------|---|------------|---------------|
| 46.   | 1   | RK-RAP20    | Middle Atlantic 20SP RK REAR ACCESS KIT   | \$126.76   | \$126.76      |
| 47.   | 1   | RK-GD20     | Middle Atlantic 20SP GLS DR FOR BRK/OBRK  | \$112.44   | \$112.44      |
| 48.   | 1   | BRK20-28    | Middle Atlantic 20SP(35)RACK,28 DEEP  | \$187.07   | \$187.07      |
| 49.   | 1   | FAN         | AFVI NMB 120mm AC heat exhaust fan 53 CFM Quiet Fan (only 28 Db) Includes Black Grille and 120v 6ft cord  | \$60.00    | \$60.00       |
| 50.   | 1   | 6ATCPAVBK   | Wiremold 6IN CRE-PREWRD-SURF AV BK  | \$493.21   | \$493.21      |
| 51.   | 4   | CP-8S       | Liberty AV Solutions COUPLER RJ45 CAT5E STP INSERT  | \$8.68     | \$34.72       |
| 52.   | 4   | 70-314-17   | Extron MAAP (1)RJ45 F-PNCHDWN CAT6  | \$27.78    | \$111.12      |
| 53.   | 1   | 70-296-12   | Extron MAAP (1)3XLR F-SLDR NEUTRIK  | \$38.89    | \$38.89       |
| Installation                                |     |             |   |            | \$34,273.49   |
| Training                                    |     |             |   |            | \$0.00        |
| Grand Total                                 |     |             |   |            | \$99,919.10   |
| Acknowledge Addendum                        |     |             |   |            | Yes           |
| <b>Electronic Contracting Company, Inc.</b> |     |             |   |            |               |
| Line Item                                   | Qty | Part Number | Description   | Unit Cost  | Extended Cost |
| <b>Display Systems Equipment</b>            |     |             |   |            |               |
| 1.  | 1   | CP-WX8265   | Hitachi WXGA 6500lm Instant Projector. 2 HDMI inputs, Accentualizer Mode, Dicom Mode, Power Zoom/Focus, Reversed V/TL Lens Shift. Ships with 2.0x zoom lens | \$4,074.30 | \$4,074.30    |
| 2.  | 1   | RPAUW       | Chief UNIVERSAL RPA WHITE   | \$171.12   | \$171.12      |



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|                                |   |                    |  |            |            |
|--------------------------------|---|--------------------|--|------------|------------|
| 3.                             | 1 | CMS006W            | Chief FIXED PIPE 6" WHITE  | \$14.26    | \$14.26    |
| 4.                             | 1 | CB-MNT1            | FSR CB Mounting Kit w/ 4 x 100" Cables w/ quick adjusts  | \$40.37    | \$40.37    |
| 5.                             | 1 | CB-22P             | FSR 2'x2' CB w/ 2 1 RU Mnts, 7 AC and Proj Pole Adtr   | \$618.24   | \$618.24   |
| 6.                             | 1 | 20858LS            | Da-Lite ADVANTAGE 123D 65X104NPA MW  | \$2,138.13 | \$2,138.13 |
| 7.                             | 1 | AS222WM-BK         | NEC AccuSync AS222WM-BK, 22" LED Backlit Widescreen LCD monitor, 1920 X 1080, NaViSet, Digital / Analog Inputs, Multimedia, Black, 3 Year Warranty | \$226.80   | \$226.80   |
| <b>Video Systems Equipment</b> |   |                    |  |            |            |
| 8.                             | 1 | DMPS3-4K-150-C     | Crestron 3-Series 4K DigitalMedia Presentation System 150  | \$3,375.00 | \$3,375.00 |
| 9.                             | 1 | DM-RMC-SCALER-C    | Crestron DigitalMedia 8G+ Receiver & Room Controller w/Scaler  | \$945.00   | \$945.00   |
| 10.                            | 1 | DN-500BD           | Denon 1RU Blu-ray Disc Player  | \$378.00   | \$378.00   |
| 11.                            | 1 | HD-EXT3-C-B_SYSTEM | Crestron 4K HDMI over HDBaseT Extender w/IR & RS-232, Black; includes HD-RX3-C-B and HD-TX3-C-B  | \$675.00   | \$675.00   |
| 12.                            | 1 | CBLR2-VGA          | Crestron Cable Retractor for FlipTops , VGA  | \$303.75   | \$303.75   |
| 13.                            | 1 | CBLR2-AUDIO        | Crestron Cable Retractor for FlipTops , Audio  | \$303.75   | \$303.75   |
| 14.                            | 1 | CBLR2-HD           | Crestron Cable Retractor for FlipTops , HDMI   | \$303.75   | \$303.75   |
| 15.                            | 1 | CBLR2-CAT5E        | Crestron Cable Retractor for FlipTops , CAT5e  | \$303.75   | \$303.75   |
| 16.                            | 2 | CBLRA-INSERT-BLANK | Crestron Blank Spacer Insert for Cable Retractor Mounting Brackets   | \$20.25    | \$40.50    |
| 17.                            | 1 | FT-600-B           | Crestron FlipTop Basic, Black Anodized   | \$337.50   | \$337.50   |

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|                                |    |                |   |            |             |
|--------------------------------|----|----------------|---|------------|-------------|
| 18.                            | 1  | DM-TX-401-C    | Crestron DigitalMedia 8G+ Transmitter 401, includes PW-2407WU   | \$1,350.00 | \$1,350.00  |
| 19.                            | 1  | DM-TX-4K-302-C | Crestron 4K DigitalMedia 8G+ Transmitter 302  | \$1,350.00 | \$1,350.00  |
| <b>Audio Systems Equipment</b> |    |                |   |            |             |
| 20.                            | 23 | WC-DD3-C       | Listen Technologies WDC G3 Delegate,Mic & Batt Pk   | \$1,482.98 | \$34,108.54 |
| 21.                            | 1  | WC-CD3-C       | Listen Technologies WDC G3 Chair Unit, Mic&Batt Pk  | \$1,636.54 | \$1,636.54  |
| 22.                            | 1  | WC-WCAP3-C     | Listen Technologies WDC G3 Access Point,Pwr Spply   | \$3,939.10 | \$3,939.10  |
| 23.                            | 4  | WC-CHT         | Listen Technologies WDC Charge Tray for 6 Batt Pks  | \$1,210.95 | \$4,843.80  |
| 24.                            | 2  | WC-CHC         | Listen Technologies WDC 12Un Sys Charge/Carry Case  | \$1,667.25 | \$3,334.50  |
| 25.                            | 1  | ATW-A3D        | Audio-Technica Pair of UHF half wave antennas (655-680 MHz)   | \$44.76    | \$44.76     |
| 26.                            | 1  | ATW-DA49       | Audio-Technica UHF wide-band active unity-gain antenna distribution system (440-900 MHz)  | \$320.15   | \$320.15    |
| 27.                            | 2  | AT8630         | Audio-Technica Rack-mount Joining-plate Kit   | \$17.80    | \$35.60     |
| 28.                            | 2  | ATW-3141BD     | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T341b handheld cardioid dynamic microphone/transmitter (TV 44-49)    | \$469.33   | \$938.66    |
| 29.                            | 2  | ATW-3131BD     | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T310b UniPak transmitter with AT831cW lavalier microphone (TV 44-49) | \$469.33   | \$938.66    |
| 30.                            | 1  | 398.9          | Blamp TesiraFORTE TI  | \$2,428.65 | \$2,428.65  |
| 31.                            | 1  | CX302V         | QSC 2 channels, 250 watts/ch at 70V   | \$809.78   | \$809.78    |

BOARD OF BIDS AND CONTRACTS JUNE 16, 2016

|                                       |    |                   |   |            |            |
|---------------------------------------|----|-------------------|---|------------|------------|
| 32.                                   | 16 | FAP63T-W          | Atlas 6.5" Coaxial Speaker System with 70.7/100V-32W Transformer/8? Bypass & SFMS   | \$96.59    | \$1,545.44 |
| 33.                                   | 1  | LS-58-072         | Listen iDSP Advanced Level III Stationary RF System (72 MHz)  | \$2,012.99 | \$2,012.99 |
| 34.                                   | 1  | ES915C24          | Audio-Technica Cardioid Condenser Microphone  | \$258.53   | \$258.53   |
| <b>Control System Equipment</b>       |    |                   |   |            |            |
| 35.                                   | 1  | SG500-10MPP-K9-NA | Cisco 10 port Ethernet Switch   | \$324.00   | \$324.00   |
| 36.                                   | 1  | TSW-750-TTK-B-S   | Crestron Tabletop Kit for TSW-750 & TSW-752, Black Smooth   | \$135.00   | \$135.00   |
| 37.                                   | 1  | TSW-752-B-S       | Crestron 7" Touch Screen, Black Smooth  | \$1,080.00 | \$1,080.00 |
| <b>Rack Accessories and Furniture</b> |    |                   |   |            |            |
| 38.                                   | 1  | PD3006            | AFVI Mid-size podium with full size document camera drawer. Divided interior with 10 space rack rails & tower computer compartments. Rear access door Dimensions 49"H x 32"W x 30"D | \$1,979.10 | \$1,979.10 |
| 39.                                   | 5  | UFA-8-F2          | Middle Atlantic 1SP SHF 8"D W/2U FA,BPC   | \$38.16    | \$190.80   |
| 40.                                   | 2  | UD2               | Middle Atlantic 2SP UTIL.DRAWER,BLK   | \$94.54    | \$189.08   |
| 41.                                   | 3  | PD-915RV-RN       | Middle Atlantic 9 VERT OUTLET 15A RCKMT   | \$130.37   | \$391.11   |
| 42.                                   | 1  | PDT-1615C-NS      | Middle Atlantic PD THIN,1-15A,16 OUT,CORD   | \$112.16   | \$112.16   |
| 43.                                   | 1  | BR1               | Middle Atlantic 1SP PANEL W/BRUSH GROMMET   | \$36.41    | \$36.41    |
| 44.                                   | 1  | DCFANKIT-4        | Middle Atlantic DC FAN KIT 4 FANS 100CFM  | \$97.48    | \$97.48    |
| 45.                                   | 1  | RKW-HD            | Middle Atlantic BRK/RK WHEEL KIT HEAVYDTY   | \$52.27    | \$52.27    |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                               |     |             |  |                    |               |
|-------------------------------|-----|-------------|--|--------------------|---------------|
| 46.                           | 1   | RK-RAP20    | Middle Atlantic 20SP RK REAR ACCESS KIT  | \$149.74           | \$149.74      |
| 47.                           | 1   | RK-GD20     | Middle Atlantic 20SP GLS DR FOR BRK/OBRK   | \$129.20           | \$129.20      |
| 48.                           | 1   | BRK20-28    | Middle Atlantic 20SP(35)RACK,28 DEEP   | \$246.65           | \$246.65      |
| 49.                           | 1   | FAN         | AFVI NMB 120mm AC heat exhaust fan 53 CFM Quiet Fan (only 28 Db) Includes Black Grille and 120v 6ft cord | \$40.53            | \$40.53       |
| 50.                           | 1   | 6ATCPAVBK   | Wiremold 6IN CRE-PREWRD-SURF AV BK   | \$599.25           | \$599.25      |
| 51.                           | 4   | CP-8S       | Liberty AV Solutions COUPLER RJ45 CAT5E STP INSERT   | \$10.76            | \$43.04       |
| 52.                           | 4   | 70-314-17   | Extron MAAP (1)RJ45 F-PNCHDWN CAT6   | \$33.75            | \$135.00      |
| 53.                           | 1   | 70-296-12   | Extron MAAP (1)3XLR F-SLDR NEUTRIK   | \$47.25            | \$47.25       |
| <b>Installation</b>           |     |             |  | <b>\$10,058.46</b> |               |
| <b>Training</b>               |     |             |  | <b>\$1.00</b>      |               |
| <b>Grand Total</b>            |     |             |  | <b>\$90,182.45</b> |               |
| <b>Acknowledge Addendum</b>   |     |             |  | <b>Yes</b>         |               |
| Ford Audio Video Systems, LLC |     |             |  |                    |               |
| Line Item                     | Qty | Part Number | Description  | Unit Cost          | Extended Cost |
| Display Systems Equipment     |     |             |  |                    |               |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                |   |                    |   |            |            |
|--------------------------------|---|--------------------|---|------------|------------|
| 1.                             | 1 | CP-WX8265          | Hitachi WXGA 6500lm Install Projector. 2 HDMI inputs, Accentualizer Mode, Dicom Mode, Power Zoom/Focus, Powered V/H Lens Shift, Ships with 2.0x zoom lens, Picture-by-Picture (HDMI + HDMI), Monitor/Control & Content over IP via Network Function, (Optional Lenses Available). | \$3,026.00 | \$3,026.00 |
| 2.                             | 1 | RPAUW              | Chief UNIVERSAL RPA WHITE   | \$125.00   | \$125.00   |
| 3.                             | 1 | CMS006W            | Chief FIXED PIPE 6" WHITE   | \$11.00    | \$11.00    |
| 4.                             | 1 | CB-MNT1            | FSR CB Mounting Kit w/ 4 x 100" Cables w/ quick adjusts   | \$0.00     | \$0.00     |
| 5.                             | 1 | CMS492CP2          | Chief 2'x2' Plenum box w/ column drop and power filter  | \$471.00   | \$471.00   |
| 6.                             | 1 | CB-22P             | FSR 2'x2' CB w/ 2 1 RU Mnts, 7 AC and Proj Pole Adtr  | \$0.00     | \$0.00     |
| 7.                             | 1 | 20858LS            | Da-Lite ADVANTAGE 123D 65X104NPA MW   | \$1,519.00 | \$1,519.00 |
| 8.                             | 1 | AS222WM-BK         | NEC AccuSync AS222WM-BK, 22" LED Backlit Widescreen LCD monitor, 1920 X 1080, NaViSet, Digital / Analog Inputs, Multimedia, Black, 3 Year Warranty  | \$171.00   | \$171.00   |
| <b>Video Systems Equipment</b> |   |                    |   |            |            |
| 9.                             | 1 | DMPS3-4K-150-C     | Crestron 3-Series 4K DigitalMedia Presentation System 150   | \$2,632.00 | \$2,632.00 |
| 10.                            | 1 | DM-RMC-SCALER- C   | Crestron DigitalMedia 8G+ Receiver & Room Controller w/Scaler   | \$737.00   | \$737.00   |
| 11.                            | 1 | DN-500BD           | Denon 1RU Blu-ray Disc Player   | \$295.00   | \$295.00   |
| 12.                            | 1 | HD-EXT3-C-B_SYSTEM | Crestron 4K HDMI over HDBaseT Extender w/IR & RS-232, Black; includes HD-RX3-C-B and HD-TX3-C-B   | \$527.00   | \$527.00   |
| 13.                            | 1 | CBLR2-VGA          | Crestron Cable Retractor for FlipTops , VGA   | \$237.00   | \$237.00   |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                         |                               |   |  |            |             |
|-------------------------|-------------------------------|---|--|------------|-------------|
| 14.                     | 1                             | CBLR2-AUDIO                                     | Crestron Cable Retractor for FlipTops , Audio                      | \$237.00   | \$237.00    |
| 15.                     | 1                             | CBLR2-HD  | Crestron Cable Retractor for FlipTops , HDMI                       | \$237.00   | \$237.00    |
| 16.                     | 1                             | CBLR2-CAT5E                                     | Crestron Cable Retractor for FlipTops , CAT5e                      | \$237.00   | \$237.00    |
| 17.                     | 2                             | <del>CBLR2-<br/>BLANK</del><br>INSERT-<br>BLANK | Crestron Blank Spacer Insert for Cable Retractor Mounting Brackets | \$16.00    | \$16.00     |
| 18.                     | 1                             | FT-600-B  | Crestron FlipTop Basic, Black Anodized                             | \$264.00   | \$264.00    |
| 19.                     | 1                             | DM-TX-401-C                                     | Crestron DigitalMedia 8G+ Transmitter 401, includes PW-2407WU      | \$1,053.00 | \$1,053.00  |
| 20.                     | Replaced with Chief CMS492CP2 |   |  |            |             |
| 21.                     | Replaced with Chief CMS492CP2 |   |  |            |             |
| 22.                     | 1                             | DM-TX-4K-302-C                                  | Crestron 4K DigitalMedia 8G+ Transmitter 302                       | \$1,053.00 | \$1,053.00  |
| 23.                     | 500'                          | DMCBL8GPS<br>P                                  | Crestron 24/8 STP, 8G Plenum cable                                 | \$0.64     | \$320.00    |
| 24.                     | 10                            | DM8GCONN<br>WG                                  | Crestron DM 8G WG RJ45 Connector                                   | \$2.70     | \$27.00     |
| Audio Systems Equipment |                               |   |  |            |             |
| 25.                     | 23                            | WC-DD3-C  | Listen Technologies WDC G3 Delegate,Mic & Batt Pk                  | \$1,157.00 | \$26,611.00 |
| 26.                     | 1                             | WC-CD3-C  | Listen Technologies WDC G3 Chair Unit, Mic&Batt Pk                 | \$1,277.00 | \$1,277.00  |
| 27.                     | 1                             | WC-WCAP3-C                                      | Listen Technologies WDC G3 Access Point,Pwr Spply                  | \$3,072.00 | \$3,072.00  |
| 28.                     | 4                             | WC-CHT  | Listen Technologies WDC Charge Tray for 6 Batt Pks                 | \$945.00   | \$3,780.00  |
| 29.                     | 2                             | WC-CHC  | Listen Technologies WDC 12Un Sys Charge/Carry Case                 | \$1,300.00 | \$2,600.00  |
| 30.                     | 1                             | ATW-A3D   | Audio-Technica Pair of UHF half wave antennas (655-680 MHz)        | \$42.00    | \$42.00     |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                 |      |                   |   |            |            |
|---------------------------------|------|-------------------|---|------------|------------|
| 31.                             | 1    | ATW-DA49          | Audio-Technica UHF wide-band active unity-gain antenna distribution system (440-900 MHz)  | \$294.00   | \$294.00   |
| 32.                             | 2    | AT8630            | Audio-Technica Rack-mount Joining-plate Kit   | \$17.00    | \$34.00    |
| 33.                             | 2    | ATW-3141BD        | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T341b handheld cardioid dynamic microphone/transmitter (TV 44-49)    | \$368.00   | \$736.00   |
| 34.                             | 2    | ATW-3131BD        | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T310b UniPak transmitter with AT831cW lavalier microphone (TV 44-49) | \$368.00   | \$736.00   |
| 35.                             | 1    | 398.9             | Blamp TesiraFORTE TI  | \$1,894.00 | \$1,894.00 |
| 36.                             | 1    | CX302V            | QSC 2 channels, 250 watts/ch at 70V   | \$687.00   | \$687.00   |
| 37.                             | 16   | FAP63T-W          | Transformer/8? Bypass & SFMS  | \$76.00    | \$1,216.00 |
| 38.                             | 1    | LS-58-072         | Listen iDSP Advanced Level III Stationary RF System (72 MHz)  | \$1,570.00 | \$1,570.00 |
| 39.                             | 1    | ES915C24          | Audio-Technica Cardioid Condenser Microphone  | \$182.00   | \$182.00   |
| 40.                             | 500' | 25225B            | West Penn 2C 16awg CMP cable  | \$0.16     | \$80.00    |
| 41.                             | 250' | 254246            | West Penn 4pr 24awg cat6 CMP cable  | \$0.30     | \$75.00    |
| 42.                             | 4    | CD-EZRJ456        | BTX cat6 RJ45 connector   | \$0.75     | \$3.00     |
| <b>Control System Equipment</b> |      |                   |   |            |            |
| 43.                             | 1    | SG500-10MPP-K9-NA | Cisco 10 port Ethernet Switch   | \$537.00   | \$537.00   |
| 44.                             | 1    | TSW-750-TTK-B-S   | Crestron Tabletop Kit for TSW-750 & TSW-752, Black Smooth   | \$106.00   | \$106.00   |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                       |      |              |   |            |            |
|---------------------------------------|------|--------------|---|------------|------------|
| 45.                                   | 1    | TSW-752-B-S  | Crestron 7" Touch Screen, Black Smooth  | \$843.00   | \$843.00   |
| 46.                                   | 250' | 254246       | West Penn 4pr 24awg cat6 CMP cable  | \$0.30     | \$75.00    |
| 47.                                   | 4    | CD-EZRJ456   | BTX cat6 RJ45 connector   | \$0.75     | \$3.00     |
| <b>Rack Accessories and Furniture</b> |      |              |   |            |            |
| 48.                                   | 1    | PD3006       | AFVI Mid-size podium with full size document camera drawer. Divided interior with 10 space rack rails & tower computer compartments. Rear access door Dimensions 49"H x 32"W x 30"D | \$1,642.00 | \$1,642.00 |
| 49.                                   | 5    | UFA-8-F2     | Middle Atlantic 1SP SHF 8"D W/2U FA,BPC   | \$35.00    | \$175.00   |
| 50.                                   | 2    | UD2          | Middle Atlantic 2SP UTIL.DRAWER,BLK   | \$85.00    | \$170.00   |
| 51.                                   | 3    | PD-915RV-RN  | Middle Atlantic 9 VERT OUTLET 15A RCKMT   | \$117.00   | \$351.00   |
| 52.                                   | 1    | PDT-1615C-NS | Middle Atlantic PD THIN,1-15A,16 OUT,CORD   | \$101.00   | \$101.00   |
| 53.                                   | 1    | BR1          | Middle Atlantic 1SP PANEL W/BRUSH GROMMET   | \$33.00    | \$33.00    |
| 54.                                   | 1    | DCFANKIT-4   | Middle Atlantic DC FAN KIT 4 FANS 100CFM  | \$88.00    | \$88.00    |
| 55.                                   | 1    | RKW-HD       | Middle Atlantic BRK/RK WHEEL KIT HEAVYDTY   | \$47.00    | \$47.00    |
| 56.                                   | 1    | RK-RAP20     | Middle Atlantic 20SP RK REAR ACCESS KIT   | \$135.00   | \$135.00   |
| 57.                                   | 1    | RK-GD20      | Middle Atlantic 20SP GLS DR FOR BRK/OBRK  | \$116.00   | \$116.00   |
| 58.                                   | 1    | BRK20-28     | Middle Atlantic 20SP(35)RACK,28 DEEP  | \$222.00   | \$222.00   |
| 59.                                   | 1    | FAN          | AFVI NMB 120mm AC heat exhaust fan 53 CFM Quiet Fan (only 28 Db) Includes Black Grille and 120v 6ft cord  | \$57.00    | \$57.00    |
| 60.                                   | 1    | 6ATCPAVBK    | Wiremold 6IN CRE-PREWRD-SURF AV BK  | \$468.00   | \$468.00   |



**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

| 61.                              | 4   | CP-8S       | Liberty AV Solutions COUPLER RJ45 CAT5E STP INSERT  | \$9.00     | \$36.00       |
|----------------------------------|-----|-------------|---|------------|---------------|
| 62.                              | 4   | 70-314-17   | Extron MAAP (1)RJ45 F-PNCHDWN CAT6  | \$27.00    | \$108.00      |
| 63.                              | 1   | 70-296-12   | Extron MAAP (1)3XLR F-SLDR NEUTRIK  | \$37.00    | \$37.00       |
| 64.                              | 1   | MISC        | Miscellaneous hardware  | \$1,580.00 | \$1,580.00    |
| Installation                     |     |             |   |            | \$29,702.80   |
| Training                         |     |             |   |            | \$443.84      |
| Grand Total                      |     |             |   |            | \$95,426.64   |
| Acknowledge Addendum             |     |             |   |            | Yes           |
| TkFast                           |     |             |   |            |               |
| Line Item                        | Qty | Part Number | Description   | Unit Cost  | Extended Cost |
| <b>Display Systems Equipment</b> |     |             |   |            |               |
| 1.                               | 1   | CP-WX8265   | Hitachi WXGA 6500lm Install Projector. 2 HDMI inputs, Accentualizer Mode, Dicom Mode, Power Zoom/Focus, Powered V/H Lens Shift, Ships with 2.0x zoom lens, Picture-by-Picture (HDMI + HDMI), Monitor/Control & Content over IP via Network Function, (Optional Lenses Available). | \$3,400.00 | \$3,400.00    |
| 2.                               | 1   | RPAUW       | Chief UNIVERSAL RPA WHITE   | \$150.00   | \$150.00      |
| 3.                               | 1   | CMS006W     | Chief FIXED PIPE 6" WHITE   | \$13.00    | \$13.00       |
| 4.                               | 1   | CB-MNTI     | FSR CB Mounting Kit w/ 4 x 100" Cables w/ quick adjusts   | \$59.00    | \$59.00       |
| 5.                               | 1   | CB-22P      | FSR 2'x2' CB w/ 2 1 RU Mnts, 7 AC and Proj Pole Adtr  | \$644.00   | \$644.00      |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                |    |                    |   |            |             |
|--------------------------------|----|--------------------|---|------------|-------------|
| 6.                             | 1  | 20858LS            | Da-Lite ADVANTAGE 123D 65X1 04NPA MW  | \$1,890.00 | \$1,890.00  |
| 7.                             | 1  | AS222WM-BK         | NEC AccuSync AS222WM-BK, 22" LED Backlit Widescreen LCD monitor, 1920 X 1080, Na ViSet, Digital I Analog Inputs, Multimedia, Black, 3 Year Warranty | \$185.00   | \$185.00    |
| <b>Video Systems Equipment</b> |    |                    |   |            |             |
| 8.                             | 1  | DMPS3-4K-150-C     | Crestron 3-Series 4K DigitalMedia Presentation System 150   | \$2,915.00 | \$2,915.00  |
| 9.                             | 1  | DM-RMC-SCALER-     | Crestron DigitalMedia 8G+ Receiver & Room Controller w/Scaler   | \$830.00   | \$830.00    |
| 10.                            | 1  | DN-500BD           | Denon 1RU Blu-ray Disc Player   | \$483.00   | \$483.00    |
| 11.                            | 1  | HD-EXT3-C-B SYSTEM | Crestron 4K HDMI over HDBaseT Extender w/IR & RS-232, Black; includes HD-RX3-C-B and HD-TX3-C-B   | \$598.00   | \$598.00    |
| 12.                            | 1  | CBLR2-VGA          | Crestron Cable Retractor for FlipTops , VGA   | \$277.00   | \$277.00    |
| 13.                            | 1  | CBLR2-AUDIO        | Crestron Cable Retractor for FlipTops , Audio   | \$277.00   | \$277.00    |
| 14.                            | 1  | CBLR2-HD           | Crestron Cable Retractor for FlipTops , HDMI  | \$277.00   | \$277.00    |
| 15.                            | 1  | CBLR2-CAT5E        | Crestron Cable Retractor for FlipTops , CAT5e   | \$277.00   | \$277.00    |
| 16.                            | 2  | CBLR2-INSERT-BLANK | Crestron Blank Spacer Insert for Cable Retractor Mounting Brackets  | \$34.00    | \$68.00     |
| 17.                            | 1  | FT-600-B           | Crestron FlipTop Basic, Black Anodized  | \$307.00   | \$307.00    |
| 18.                            | 1  | DM-TX-401-C        | Crestron DigitalMedia 8G+ Transmitter 401, includes PW-2407WU   | \$1,190.00 | \$1,190.00  |
| 19.                            | 1  | DM-TX-4K-302-C     | Crestron 4K DigitalMedia 8G+ Transmitter 302  | \$1,190.00 | \$1,190.00  |
| <b>Audio Systems Equipment</b> |    |                    |   |            |             |
| 20.                            | 23 | WC-DD3-C           | Listen Technologies WDC G3 Delegate,Mic & Batt Pk   | \$1,900.00 | \$43,700.00 |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                 |    |                   |   |            |            |
|---------------------------------|----|-------------------|---|------------|------------|
| 21.                             | 1  | WC-CD3-C          | Listen Technologies WDC G3 Chair Unit, Mic&Batt Pk  | \$2,000.00 | \$2,000.00 |
| 22.                             | 1  | WC-WCAP3-C        | Listen Technologies WDC G3 Access Point,Pwr Spply   | \$4,960.00 | \$4,960.00 |
| 23.                             | 4  | WC-CHT            | Listen Technologies WDC Charge Tray for 6 Batt Pks  | \$1,525.00 | \$6,100.00 |
| 24.                             | 2  | WC-CHC            | Listen Technologies WDC 12Un Sys Charge/Carry Case  | \$2,185.00 | \$4,370.00 |
| 25.                             | 1  | ATW-A3D           | Audio-Technica Pair of UHF half wave antennas (655-680 MHz)   | \$55.00    | \$55.00    |
| 26.                             | 1  | ATW-DA49          | Audio-Technica UHF wide-band active unity-gain antenna distribution system (440-900 MHz)  | \$389.00   | \$389.00   |
| 27.                             | 2  | AT8630            | Audio-Technica Rack-mount Joining-plate Kit   | \$22.00    | \$44.00    |
| 28.                             | 2  | ATW-3141BD        | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T341 b handheld cardioid dynamic microphone/transmitter (TV 44-49)   | \$486.00   | \$972.00   |
| 29.                             | 2  | ATW-3131BD        | Audio-Technica 3000 Series Wireless System includes: ATW-R3100b receiver and ATW-T310b UniPak transmitter with AT831cW lavalier microphone (TV 44-49) | \$486.00   | \$972.00   |
| 30.                             | 1  | 398.9             | Blamp TesiraFORTE TI  | \$4,138.00 | \$4,138.00 |
| 31.                             | 1  | CX302V            | QSC 2 channels, 250 watts/ch at 70V   | \$1,249.00 | \$1,249.00 |
| 32.                             | 16 | FAP63T-W          | Atlas 6.511 Coaxial Speaker System with 70.7/100V-32W Transformer/8? Bypass & SFMS  | \$261.00   | \$4,176.00 |
| 33.                             | I  | LS-58-072         | Listen iDSP Advanced Level III Stationary RF System (72 MHz)  | \$2,368.00 | \$2,368.00 |
| 34.                             | I  | ES915C24          | Audio-Technica Cardioid Condenser Microphone  | \$288.00   | \$288.00   |
| <b>Control System Equipment</b> |    |                   |   |            |            |
| 35.                             | 1  | SG500-10MPP-K9-NA | Cisco 10 port Ethernet Switch   | \$261.00   | \$261.00   |

**BOARD OF BIDS AND CONTRACTS JUNE 16, 2016**

|                                       |   |                 |   |            |            |
|---------------------------------------|---|-----------------|---|------------|------------|
| 36.                                   | 1 | TSW-750-TTK-B-S | Crestron Tabletop Kit for TSW-750 & TSW-752, Black Smooth   | \$132.00   | \$132.00   |
| 37.                                   | 1 | TSW-752-B-S     | Crestron 7" Touch Screen, Black Smooth  | \$950.00   | \$950.00   |
| <b>Rack Accessories and Furniture</b> |   |                 |   |            |            |
| 38.                                   | 1 | PD3006          | AFVI Mid-size podium with full size document camera drawer. Divided interior with 10 space rack rails & tower computer compartments. Rear access door Dimensions 49"H x 32"W x 30"D | \$1,790.00 | \$1,790.00 |
| 39.                                   | 5 | UFA-8-F2        | Middle Atlantic 1 SP SHF 8"D W/2U FA,BPC  | \$45.00    | \$225.00   |
| 40.                                   | 2 | UD2             | Middle Atlantic 2SP UTIL.DRA WER,BLK  | \$100.00   | \$200.00   |
| 41.                                   | 3 | PD-915RV-RN     | Middle Atlantic 9 VERT OUTLET 15A RCKMT   | \$135.00   | \$405.00   |
| 42.                                   | 1 | PDT-1615C-NS    | Middle Atlantic PD THIN,1 -15A,16 OUT,CORD  | \$120.00   | \$120.00   |
| 43.                                   | 1 | BRI             | Middle Atlantic 1SP PANEL W/BRUSH GROMMET   | \$45.00    | \$45.00    |
| 44.                                   | 1 | DCFANKIT-4      | Middle Atlantic DC FAN KIT 4 FANS 10OCFM  | \$105.00   | \$105.00   |
| 45.                                   | 1 | RKW-HD          | Middle Atlantic BRK/RK WHEEL KIT HEAVYDTY   | \$60.00    | \$60.00    |
| 46.                                   | 1 | RK-RAP20        | Middle Atlantic 20SP RK REAR ACCESS KIT   | \$150.00   | \$150.00   |
| 47.                                   | 1 | RK-GD20         | Middle Atlantic 20SP GLS DR FOR BRK/OBRK  | \$145.00   | \$145.00   |
| 48.                                   | 1 | BRK.20-28       | Middle Atlantic 20SP(35)RACK,28 DEEP  | \$250.00   | \$250.00   |
| 49.                                   | 1 | FAN             | AFVI NMB 120mm AC heat exhaust fan 53 CFM Quiet Fan (only 28 Db) Includes Black Grille and 120v 6ft cord  | \$45.00    | \$45.00    |
| 50.                                   | 1 | 6ATCPAVBK       | Wiremold 6IN CRE-PREWRD-SURF AV BK  | \$600.00   | \$600.00   |
| 51.                                   | 4 | CP-8S           | Liberty AV Solutions COUPLER RJ45 CAT5E STP INSERT  | \$25.00    | \$100.00   |

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| 52.                              | 4   | 70-314-17  | Extron MAAP (1)RJ45 F-PNCHDWN CAT6  | \$65.00    | \$260.00     |
|----------------------------------|-----|------------|---|------------|--------------|
| 53.                              | 1   | 70-296-12  | Extron MAAP (1)3XLR F-SLDR NEUTRIK  | \$91.00    | \$91.00      |
| Installation                     |     |            |   |            | \$21,565.00  |
| Training                         |     |            |   |            | \$500.00     |
| Grand Total                      |     |            |   |            | \$118,810.00 |
| Acknowledge Addendum             |     |            |   | Yes        |              |
| CDW-G                            |     |            |   |            |              |
| Line Item                        | Qty | Pan Number | Description   |            |              |
| <b>Display Systems Equipment</b> |     |            |   |            |              |
| 1.                               | I   | CP-WX8265  | Hitachi WXGA 6500hn Install Projector. 2 HDMI inputs. Accentualizer Mode. Dicom Mode. Power Zoom/Focus. Powered V/H Lens Shift. Ships with 2.0x zoom lens, Picture-by-Picture (HDMI + HDMI). Monitor/Control & Content over IP via Network Function. (Optional Lenses Available). | \$3,458.72 | \$3,458.72   |
| 2.                               | I   | RPAUW      | Chief UNIVERSAL RPA WHITE   | \$112.67   | \$112.67     |
| 3.                               | I   | CMS006W    | Chief FIXED PIPE 6" WHITE   | \$10.55    | \$10.55      |
| 4.                               | I   | CB-MNTI    | FSR CB Mounting Kit w/ 4 x 100" Cables w/ quick adjusts   | \$43.96    | \$43.96      |
| 5.                               | I   | CB-22P     | FSR 2'x2' CB w/ 2 I RU \fots. 7 AC and Proj Pole Adtr   | \$637.64   | \$637.64     |
| 6.                               | I   | 20858LS    | Da-Lite ADVANTAGE 1230 65X I04NPA MW  | \$1,648.24 | \$1,648.24   |
| 7.                               | I   | AS222WM-BK | NEC AccuSync AS222WM-BK, 22" LED Backlit Widescreen LCD monitor, 1920 X 1080, NaViSet. Digital / Analog Inputs. Multimedia. Black. 3 Year Warranty  | \$174.15   | \$174.15     |
| <b>Video Systems Equipment</b>   |     |            |   |            |              |

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|                                |    |                    |   |            |             |
|--------------------------------|----|--------------------|---|------------|-------------|
| 8.                             | I  | DMPS3-4K-150-C     | Crestron 3-Series 4K DigitalMedia Presentation System 150                                       | \$3,016.82 | \$3,016.82  |
| 9.                             | I  | DM-RMC-SCALER-     | Crestron DigitalMedia 8G+ Receiver & Room Controller w/Scaler                                   | \$844.71   | \$844.71    |
| 10.                            | I  | DN-500BD           | Denon I RU Blu-ray Disc Player  | \$432.13   | \$432.13    |
| 11.                            | I  | HD-EXT3-C-B SYSTEM | Crestron 4K HDMI over HDBaseT Extender w/IR & RS-232. Black: includes HD-RX3-C-B and HD-TX3-C-B | \$603.37   | \$603.37    |
| 12.                            | I  | CBLR2-VGA          | Crestron Cable Retractor for FlipTops , VGA   | \$296.18   | \$296.18    |
| 13.                            | I  | CBLR2-AUDIO        | Crestron Cable Retractor for FlipTops . Audio   | \$296.18   | \$296.18    |
| 14.                            | I  | CBLR2-HD           | Crestron Cable Retractor for FlipTops , HDMI  | \$296.18   | \$296.18    |
| 15.                            | I  | CBLR2-CAT5E        | Crestron Cable Retractor for FlipTops . CAT5e   | \$296.18   | \$296.18    |
| 16.                            | 2  | CBLR2-INSERT-BLANK | Crestron Blank Spacer Insen for Cable Retractor Mounting Brackets                               | \$20.00    | \$40.00     |
| 17.                            | I  | FT-600-B           | Crestron FlipTop Basic, Black Anodized  | \$302.25   | \$302.25    |
| 18.                            | I  | DM-TX-401-C        | Crestron Digital Media 8G+ Transmitter 40 I , includes PW-2407\VU                               | \$1,206.73 | \$1,206.73  |
| 19.                            | I  | DM-TX-4K-302-C     | Crestron 4K Digital Media 8G+ Transmitter 302   | \$1,270.24 | \$1,270.24  |
| <b>Audio Systems Equipment</b> |    |                    |   |            |             |
| 20.                            | 23 | WC-DD3-C           | Listen Technologies WDC G3 Delegate.Mic & Batt Pk   | \$1,528.51 | \$35,155.73 |
| 21.                            | I  | WC-CD3-C           | Listen Technologies \VDC G3 Chair Unit, Mic&Batt Pk   | \$1,686.80 | \$1,686.80  |
| 22.                            | I  | \VC-WCAP3-C        | Listen Technologies WDC G3 Access Point.Pwr Spply   | \$3,945.15 | \$3,945.15  |
| 23.                            | 4  | WC-CHT             | Listen Technologies WDC Charge Tray for 6 Batt Pks  | \$1,248.14 | \$4,992.56  |

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|     |    |                   |  |            |            |
|-----|----|-------------------|--|------------|------------|
| 24. | 2  | WC-CHC            | Listen Technologies WDC I 2Un Sys Charge/Carry Case  | \$1,718.45 | \$3,436.90 |
| 25. | 2  | 954055            | Shure SLX14/85 - wireless microphone system (Changed Pan Number)   | \$846.83   | \$1,693.66 |
| 26. | 2  | 4085979           | Shure SLX24/SM58 - wireless microphone system (Changed Pan Number)   | \$785.33   | 1,570.66   |
| 27. | I  | 1536550           | SHURE UA844S\VB WIDEBAND UHF FOUR-WAY ANTENNA (Changed Pan Number)   | \$767.59   | \$767.59   |
| 28. | I  | UA8-518-578       | Shure UA8-518-578 1/2-Wave Antenna (Changed Pan Number Included)   | \$100.00   | \$100.00   |
| 29. | I  | TESIRA FORTE TI   | Blamp TesiraFORTE TI   | \$2,574.07 | 2,574.07   |
| 30. | I  | DCI2X300          | CROWN DCI2X300 ANALOG AMPLIFIER (Changed Pan Number)   | \$975.76   | \$975.76   |
| 31. | 16 | CONTROL26 CT      | JBL CTRL CEILING LOUDSPEAKER (Changed Pan Number)  | \$5,182.28 | \$2,916.48 |
| 32. | I  | LS-58-072         | Listen iDSP Advanced Level III Stationary RF System (72 MHz)   | \$2,141.53 | \$2,141.53 |
| 33. | I  | 2765H00080        | AKG GN50 INCL DPA SCREW SET 50CM (Changed Pan Number)  | \$217.06   | \$217.06   |
| 34. | I  | 2765H00200        | AKG CK31 CARDIOID MICROPHONE MODULE (Changed Pan Number)   | \$97.40    | \$97.40    |
| 35. | I  | SG500-IOMPP-K9-NA | Cisco I 0 pon Ethernet Switch  | \$247.31   | \$247.31   |
| 36. | I  | TSW-750-TTK-B-S   | Crestron Tabletop Kit for TSW-750 & TSW-752. Black Smooth  | \$120.67   | \$120.67   |
| 37. | I  | TS\V-752-B-S      | Crestron T Touch Screen. Black Smooth  | \$965.38   | \$965.38   |
| 38. | I  | PD3006            | AFVI Mid-size podium with full size document camera drawer. Divided interior with I 0 space rack rails & tower computer compartments. Rear access door Dimensions 49"H x 32"V x 30"0 | \$2,107.89 | \$2,107.89 |
| 39. | 5  | UFA-8-F2          | Middle Atlantic ISP SHF 8"D \V/2U FA.BPC (Included)  | \$100.00   | \$500.00   |

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|  |   |              |  |          |              |
|--|---|--------------|--|----------|--------------|
| 40.  | 2 | UD2          | Middle Atlantic 2SP UTIL.DRAWER,BLK  | \$94.62  | \$189.24     |
| 41.  | 3 | PD-915RV-RN  | Middle Atlantic 9 VERT OUTLET 15A RCKMT  | \$134.28 | \$402.84     |
| 42.  | I | PDT-1615C-NS | Middle Atlantic PD THIN, 1-15A.16 OUT.CORD   | \$115.53 | \$115.53     |
| 43.  | I | BR I         | Middle Atlantic ISP PANEL \V/BRUSH GROMMET   | \$36.44  | \$36.44      |
| 44.  | I | DCFANKIT-4   | Middle Atlantiic DC FAN KIT 4 FANS IOOCFM  | \$97 17  | \$97.17      |
| 45.  | I | RKW-HD       | Middle Atlantic BRK/RK WHEEL KIT HEA VYDTY   | \$50 94  | \$50.94      |
| 46.  | I | RK-RAP20     | Middle Atlantic 20SP RK REAR ACCESS KIT  | \$145 77 | \$145.77     |
| 47.  | I | RK-GD20      | Middle Atlantic 20SP GLS DR FOR BRK/OBRK   | \$129 36 | \$129.36     |
| 48.  | I | BRK20-28     | Middle Atlantic 20SP(35)RACK,28 DEEP   | \$216 40 | \$216.40     |
| 49.  | I | FAN          | AFVI NMB 120mm AC heat exhaust fan 53 CFM Quiet Fan (only 28 Db) Includes Black Grille and 120\ 6ft cord | \$75.14  | \$75.14      |
| 50.  | I | 6ATCPAVBK    | Wiremold 61N CRE-PRE\VRD-SURF AV BK  | \$749.27 | \$749.27     |
| 51.  | 4 | CP-8S        | Liberty AV Solutions COUPLER RJ45 CAT5E STP INSERT   | \$11.72  | \$46.88      |
| 52.  | 4 | AV9015BK     | \VIREMOLD AVIP IPT KS CAT6 JACK PLATE (Changed Pan Number)   | \$32.36  | \$129.44     |
| 53.  | I | AV8009BK     | \VIREMOLD 3P XLR F DBLE PLATES SLDR (Changed Pan Number)   | \$35.57  | \$35.57      |
| Shipping   |   |              |  |          | \$143.87     |
| Installation/SOW Through Sport View Technologies |   |              |  |          | \$32,253.93  |
| Grand Total                                      |   |              |  |          | \$116,017.29 |
| Acknowledge Addendum                             |   |              |  |          | Yes          |



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|         |                             |                                |
|---------|-----------------------------|--------------------------------|
| No Bids | Valiant National AV Supply  | Digital Video Midwest          |
|         | Great Plains Communications | K-Log, Inc.                    |
|         | Commerical Sound Company    | Ryno Tech Media Services, Inc. |

On behalf of the MAPD, recommend to **accept the low bid from Electronic Contracting Company in the amount of \$90,182.45.**

This project will consist of installing new equipment and transferring some existing equipment to the MAPD conference room that will be located at 271 W. 3rd.