

**CITY OF BRECKSVILLE BID TABULATION**

**LIGHTING EQUIPMENT & INSTALLATION FOR THE  
BRECKSVILLE OLD TOWN HALL LIGHTING IMPROVEMENTS PROJECT**

**BID OPENING: Friday, August 4, 2017 9:00 a.m.**

**Present were: Becki Riser, City of Brecksville and Colin Murray, LIVE! Technologies**

**Vincent Lighting Systems**

**LIVE! Technologies**

**LUMP SUM PRICING**

**I. CONTROL CONSOLE**

1. ETC Ion Console w/1,024 Outputs WIN7 OS w/Dust Cover, Keyboard, Mouse & Mousepad
2. ETC Ion Universal Fader Wing 2x20- Black w/ A/B USB Cable and Dust Cover
3. Planar 22in LCD Touchscreen Monitor- Projected Capacitive NEO, Element & Ion W7 Compliant, Quantity: 2
4. 21-22in LCD Monitor Cover, Quantity: 2
5. Littlite 18in HI Gooseneck w/XLR3 Right Angle Connector
6. Lex 25ft Ethercon CAT5 Heavy Duty Cable
7. Cisco Wireless Access Point
8. 3ft Ethernet Crossover Cable
9. 4 Hours On-Site Training

**Lump Sum Total for Control Console:**

**\$10,718.00**

**\$9,340.00**

**II. CONSOLE RECEPTACLE STATION TYPE F (BOOTH) \*\*Backbox Supplied by EC**

1. Pathway 1-Gang Faceplate- Black
2. Pathway RJ45 EtherCon Insert- Black

**Lump Sum Total for Console Receptacle Station:**

**\$35.00**

**\$38.68**

**III. CONTROL STATION TYPE HMS (BOOTH)**

1. ETC lock out station
2. ETC Echo Inspire Fader Station (White) to include: - 4-button & Label Material
3. SSRC White Steel Back Box One Gang Surface Mount, Quantity: 2

**Lump Sum Total for Control Station Type HMS (Booth):**

**\$573.00**

**\$402.21**

**IV. CONTROL STATION TYPE HES (HOUSE ENTRY)**

1. Electronics assembly - ETC Echo Inspire Fader Station (White) to include: - 4-button electronics assembly - Single gang decorator faceplate - Button label sheet - Installation hardware Model # E1104-5
2. SSRC White Steel Back Box One Gang Surface Mount, Quantity: 2 (Existing 3 Gang Box)

**Lump Sum Total for Control Station Type HES:**

**\$570.00**

**\$196.69**

**V. CONTROL STATION TYPE WLS (BACKSTAGE, BASEMENT)**

1. ETC Echo Inspire Button Station (White) to include: - 2-button
2. Electronics assembly - Single gang decorator faceplate - Button label Sheet - Installation hardware Model # E1004-5, Quantity: 2
3. SSRC White Steel Back Box One Gang Surface Mount, Quantity: 2

**Lump Sum Total for Control Station Type WLS:**

**\$560.00**

**\$276.24**

**VI. CONTROL STATION TYPE HMS (BACKSTAGE)**

- 1. ETC Echo Inspire 8-Button Station- \*\*Black w/Single Gang Decorator Faceplate, Button Label Sheet & Installation Hardware # E1008-5
- 2. ETC Echo Inspire Fader Station (**BLACK**) to include: - 4-button electronics assembly - Single gang decorator faceplate – Button label sheet - Installation hardware Model # E1104-5
- 3. SSRC BlackSteel Back Box One Gang Surface Mount, Quantity: 2

**Lump Sum Total for Control Station Type HMS (Backstage):**

**\$424.00**

**\$311.61**

**VII. NETWORK RACK TYPE D (INCLUDES COMMISSIONING-SET UP FOR TWO UNIVERSES)**

- 1. MA 25.25(W)x28.5(H)x13.13(D) 6sp Wall Mount Rack w/Solid Top-Black
- 2. Pathway Pathport Octo 8-Port Node w/Rear Terminals
- 3. Pathway eDIN DMX/RDM 4-Way Splitter, Quantity: 3
- 4. PSU 30W 24VDC 1.3A DIN Rail
- 5. 2sp Rack Tray Shelf w/Face- Black
- 6. ETC Echo DMX Scene Controller Model # EDMXC

**Lump Sum Total for Network Rack Type D:**

**\$4,080.00**

**\$4,340.01**

**VIII. DMX OUT RECEPTACLE STATION - STAGE ELECTRICS TYPE E \*\*Backbox Supplied by EC**

- 1. Pathway 1-Gang Faceplate- Black, Quantity: 3
- 2. Pathway XLR5(F) Insert- Black, Quantity: 3

**Lump Sum Total for DMX Out Receptacle-Stage Electrics:**

**\$105.00**

**\$116.04**

**IX. DMX OUT RECEPTACLE STATION-STAGE WALL OUTLETS TYPE E \*\*Backbox Supplied by EC**

- 1. Pathway 1-Gang Faceplate- Black, Quantity: 4
- 2. Pathway XLR5(F) Insert- Black, Quantity 4

**Lump Sum Total for DMX Out Receptacle-Stage Wall Outlets:**

**\$140.00**

**\$154.72**

**X. DMX OUT RECEPTACLE STATION- HOUSE BOOM ELECTRICS TYPE E \*\*Backbox Supplied by EC**

- 1. Pathway 1-Gang Faceplate- Black, Quantity: 4
- 2. Pathway XLR5(F) Insert- Black, Quantity: 4

**Lump Sum Total for DMX Out Receptacle-House Boom:**

**\$140.00**

**\$154.72**

**XI. DMX OUT CONTROL - HOUSE ELECTRIC TYPE E \*\*Backbox Supplied by EC**

- 1. Pathway 1-Gang Faceplate- Black
- 2. Pathway XLR5(F) Insert- Black

**Lump Sum Total for DMX Out Control-House Electric:**

**\$35.00**

**\$38.68**

**XII. SYSTEM POWER UPGRADE REPLACING DIMMER PANELS W/ RELAY PANEL TYPE O {INCLUDES COMMISSIONING}**

- 1. ETC Unison Echo 120/240V Relay Enclosure- 3 Phase MLO, w/24 1-Pole Relays and Breakers, main breaker, door, 0-10V control card

**Lump Sum Total for System Power Upgrade: \$7,663.00 \$4,150.00**

**XIII. DIMMER CONTROL OF HOUSELIGHT PENDANTS AND WALL SCONCES TYPE P**

Dynalite 120V 16A Captivation Dimmer Module, Quantity: 1

**Lump Sum Total for Dimmer Control \$200.00 \$115.00**

**XIV. DIMMER CONTROL OF WORK LIGHTS**

Dynalite 120V 16A Captivation Dimmer Module, Quantity: 1

**Lump Sum Total for Dimmer Control \$200.00 \$115.00**

**XV. DIMMER CONTROL OF RUNNING LIGHTS**

Dynalite 120V 16A Captivation Dimmer Module, Quantity: 1

**Lump Sum Total for Dimmer Control \$200.00 \$115.00**

**UNIT PRICING**

**XVI. FRONT OF HOUSE LIGHTING FIXTURES**

- 1. ETC ColorSource Spot Light Engine w/ Shutter Assembly- Black w/C-Clamp, Soft Focus Diffuser, and A-size Pattern Holder with PowerCon to Edison cable

Unit Price: \$1,038.00 x 5 = **\$5,190.00** \$984.78 x 5 = **\$4,923.90**

- 2. Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 5 = **\$10.00** \$2.38 x 5 = **\$11.90**

- 3. ETC S4 1 0deg Lens Tube- Black

Unit Price: \$262.00 x 5 = **\$1,310.00** \$251.93 x 5 = **\$1,259.65**

- 4. ETC ColorSource Spot Light Engine w/ Shutter Assembly- Black w/C-Clamp, Soft Focus Diffuser, A-size Pattern Holder with PowerCon to Edison cable  
Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$1,038.00 x 5 = **\$5,190.00** \$984.78 x 5 = **\$4,923.90**

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5. Fehr 30in Safety Cable w/ Spring Hook

Unit Price: \$2.00 x 5 = **\$10.00**      \$2.38 x 5 = **\$11.90**

6. ETC S4 19deg EDL T Lens Tube w/Color Frame- Black

Unit Price: \$203.00 x 5 = **\$1,015.00**      \$197.57 x 5 = **\$987.85**

7. Lex 10 ft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 10 = **\$300.00**      \$28.01 x 10 = **\$280.10**

8. Lex 10 ft PowerCon Extension Cable

Unit Price: \$30.00 x 8 = **\$240.00**      \$29.61 x 8 = **\$236.88**

**XVII. FRONT OF HOUSE INTELLIGENT FIXTURES**

1. Elation Satura Profile, 440W LED Cool White LED Engine, 11-38 degree zoom, CMY Color mixing

Unit Price: \$5,175.00 x 4 = **\$20,700.00**      \$4,891.30 x 4 = **\$19,565.20**

2. Elation Heavy Duty Truss Hanging Clamp

Unit Price: \$20.00 x 8 = **\$160.00**      \$14.31 x 8 = **\$114.48**

3. Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 4 = **\$8.00**      \$2.38 x 4 = **\$9.52**

4. Lex 1 Oft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 4 = **\$120.00**      \$28.01 x 4 = **\$112.04**

**XVIII. BOX BOOM LIGHTING FIXTURES**

1. ETC ColorSource Spot Light Engine w/ Shutter Assembly- Black w/C-Clamp, Soft Focus Diffuser, and A-size Pattern Holder with PowerCon to Edison cable

Unit Price: \$1,038.00 x 12 = **\$12,456.00**      \$984.78 x 5 = **\$11,817.36**

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2. Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 12 = **\$24.00**      \$2.38 x 12 = **\$28.56**

3. ETC S4 19deg EDL T Lens Tube w/Color Frame- Black

Unit Price: \$213.00 x 12 = **\$2,556.00**      \$197.57 x 12 = **\$2,370.84**

4. Lex 10ft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 12 = **\$360.00**      \$28.01 x 12 = **\$336.12**

5. Lex 10 ft PowerCon Extension Cable

Unit Price: \$30.00 x 10 = **\$300.00**      \$29.61 x 10 = **\$296.10**

**XIX. BOX BOOM INTELLIGENT FIXTURES**

1. Elation 350W Quad Color RGBW COB LED, 10° to 55° motorized zoom, pan and tilt, RGBW color mixing,

Unit Price: \$1,650.00 x 4 = **\$6,600.00**      \$1,600.00 x 4 = **\$6,400.00**

2. Elation Heavy Duty Truss Hanging Clamp

Unit Price: \$20.00 x 8 = **\$160.00**      \$14.31 x 8 = **\$114.48**

3. Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 8 = **\$16.00**      \$2.38 x 8 = **\$19.04**

4. CT Safer Sidearm w/24in Pipe & 2- Sliding Tees

Unit Price: \$102.00 x 4 = **\$408.00**      \$92.82 x 4 = **\$371.28**

5. Lex 10ft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 4 = **\$120.00**      \$28.00 x 4 = **\$112.00**

6. Lex GR(F) to Stage Pin(M) Adapter

Unit Price: NB x 4 = **NB**      \$22.49 x 4 = **\$89.96**

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**XX. DOWNLIGHT PACKAGE**

1. ETC ColorSource PAR Deep Blue- Black with hanging yoke and powercon to stage pin connector installed

Unit Price: \$553.00 x 14 = **\$7,742.00**      \$536.67 x 14 = **\$7,513.38**

2. ETC D40 Medium Round Diffuser w/ Black Frame

Unit Price: \$22.00 x 14 = **\$308.00**      \$18.56 x 14 = **\$259.84**

3. Fehr 30 in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 14 = **\$28.00**      \$2.38 x 14 = **\$33.32**

4. Apollo Get-A-Grip- Black

Unit Price: \$10.00 x 14 = **\$140.00**      \$9.94 x 14 = **\$139.16**

5. Lex 25 ft XLR5 DMX Extension Cable

Unit Price: \$40.00 x 6 = **\$240.00**      \$31.77 x 6 = **\$190.62**

6. Lex 10 ft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 8 = **\$240.00**      \$28.00 x 8 = **\$224.00**

7. Lex 10 ft PowerCon Extension Cable

Unit Price: \$ 30.00 x 11 = **\$330.00**      \$29.61 x 11 = **\$325.71**

**XXI. ONSTAGE INTELLIGENT FIXTURES**

1. Elation DaVinci Compact Pro LED Spot moving head with CMY/CTO color mixing, 270W, 15 gobos, 6 to 48 degree zoom, with PowerCon to Edison plug

Unit Price: \$4,700.00 x 6 = **\$28,200.00**      \$4,239.13 x 6 = **\$25,434.78**

2. Elation Heavy Duty Truss Hanging Clamp

Unit Price: \$20.00 x 12 = **\$240.00**      \$14.31 x 12 = **\$171.74**

3. Fehr 30in Safety Cable w/Spring Hook X12

Unit Price: \$2.00 x 12 = **\$24.00**      \$2.38 x 12 = **\$28.56**

4. Lex 10ft XLR5 DMX Extension Cable

Unit Price: \$30.00 x 6 = **\$140.00**      \$28.00 x 6 = **\$168.00**

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5. Lex GR(F) to Stage Pin(M) Adapter

Unit Price: NB x 6 = NB \$29.61 x 11 = \$325.71

**XXII. WORKLIGHT FIXTURES**

1. Altman 130W LED Worklight Yoke Mt.

Unit Price: \$585.00 x 4 = \$2,340.00 \$616.88 x 4 = \$2,467.52

2. Safety & Diffusion Filter Frame for Altman 130W LED Worklight Yoke Mt.

Unit Price: \$0.00 x 4 = \$0.00 Free x 4 = Free

3. Altman GR(M) 15A Connector

Unit Price: \$20.00 x 4 = \$80.00 \$0.00 x 4 = \$0.00

4. Fehr 30in Safety Cable w/Spring Hook

Unit Price: \$2.00 x 4 = \$8.00 \$2.38 x 4 = \$9.52

5. Apollo Get-A-Grip- Black

Unit Price: \$10.00 x 4 = \$40.00 \$9.94 x 4 = \$39.76

**XXIII. SPECIAL EVENT FIXTURES**

1. FREEDOMPARTR Chauvet uplight wash fixture with IRC-6 infrared remote control

Unit Price: \$255.00 x 9 = \$2,295.00 \$205.00 x 9 = \$1,845.00

**TOTAL FOR ALL LIGHTING EQUIPMENT**

**\$125,165.00**

**\$112,716.22**

*(Add Lump Sum Totals for Section I-XV & Extended Totals for Sections XVI-XXIII.)*

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**INSTALLATION SERVICES**

To include labor and materials for installation of above listed equipment according to electrical engineering drawings E-1 through E-4 provided for reference.

As noted on drawing E-4 under General Notes – 1, the lighting equipment and installation contractor will be responsible for providing the theatrical lighting control devised and make final connections of DMX cabling.

The lighting equipment and installation contractor will also coordinate with the electrical contractor regarding all control device box sizes.

<b>LUMP SUM PRICE FOR INSTALLATION</b>	<b>\$4,085.00</b>	<b>\$22,558.19</b>
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**BID FORM SUMMARY**

<b><u>TOTAL FOR LIGHTING EQUIPMENT:</u></b>	<b>\$125,165.00</b>	<b>\$112,716.22</b>
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<b><u>TOTAL FOR INSTALLATION SERVICES:</u></b>	<b>\$4,085.00</b>	<b>\$22,558.19</b>
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<b><u>GRAND TOTAL FOR LIGHTING EQUIPMENT &amp; INSTALLATION:</u></b>	<b>\$129,250.00*</b>	<b>\$135,274.41</b>
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**CONTRACTOR'S EXPECTED TIME FRAME**

CONTRACTOR IS REQUIRED TO PREDICT THE LENGTH OF TIME FOR THE SERVICES DESCRIBED HEREIN AND PER DRAWINGS AND SPECIFICATIONS. STATE THE LENGTH OF TIME (WORK WEEKS) TO ACCOMPLISH THE ENTIRE PROJECT UTILIZING NORMAL BUSINESS HOURS.

# OF WORK WEEKS <i>(from 8/16/17 to completed installation of all equipment)</i>	4-6 weeks	6 weeks
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**OWNER'S PROJECT DEADLINE**

UPON ACCEPTANCE OF THE LOWEST & BEST BID BY BRECKSVILLE CITY COUNCIL, NOTICE TO PROCEED IN THE FORM OF A PURCHASE ORDER WILL BE ISSUED ON AUGUST 16, 2017. THE SUCCESSFUL CONTRACTOR IS REQUIRED TO HAVE THE ENTIRE PROJECT COMPLETED BY NO LATER THAN **FRIDAY, OCTOBER 6, 2017**. PLEASE CONFIRM THAT YOUR COMPANY CAN ACCOMMODATE THIS PROJECT SCHEDULE AND DEADLINE. YES or NO

YES	YES
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**REQUIRED DOCUMENTS SUBMITTED**

YES	YES
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**\*THE BID OF VINCENT LIGHTING SYSTEMS HAS BEEN REJECTED DUE TO ALTERATION OF THE BID FORM PAGES.**



## **EXCEPTIONS**

### **Vincent Lighting Systems:**

- NOTE: The Dynalite dimmer modules have been replaced with ETC Adaptiv Dimmer Modules as these will operate with the ETC ECHO relay panel.
- The Lex GR (F) to stage pin adapters have been replaced with Lex 10 ft. PowerCon to PowerCon extension cables as there are no stage pin receptacles on the project.
  - Unit Cost for Lex 10ft PowerCon Extension Cables = \$30.00
  - A quantity of 5 are recommended for a total additional amount for this option of \$150.00
- Section XXI, Item 5, the Lex GR(F) to Stage Pin (M) Adapter has been replaced with the recommended Lex 10ft PowerCon TRUE 1 Extension Cables at \$35 each for (4) = an additional \$140.00 for this option
- Section I, Page 1, Items 7 & 8 are not needed with Echo Access.
- Section III, Page 1, Item 3 not included.
- Section IV, Page 1, Item 2 not included.
- Section V, Page 1, Item 3 not included.
- Section VI, Page 2, Item 3 not included.

### **LIVE! Technologies:**

None.