

| <b>SUNY Purchase College</b>   |                     |                |                         |             |
|--|---------------------|----------------|-------------------------|-------------|
| <b>LECTURE HALL</b>  |                     |                |                         |             |
| <b>SUCF 29401 HUMANITIES BUILDNG RENOVATION</b>  |                     |                | <b>Section 27 41 16</b> |             |
| <b>GROUP III AV SYSTEMS EQUIPMENT SCHEDULE</b>   |                     |                |                         |             |
| <b>KA Project #2638</b>  |                     |                |                         |             |
| <b>DATE: 5 November 2014</b>   |                     |                |                         |             |
| <b>BIDDERS SHALL CONFIRM ALL MODEL NUMBERS, QUANTITIES AND ACCESSORIES</b>   |                     |                |                         |             |
| <p><b>NOTE:</b> Brand names and model numbers listed herein represent the design basis used in this project. Except for those products listed as "XSTNG" (existing) or "OFE" (sole-sourced Owner Furnished Equipment), substitutions will be considered through the prescribed submittal process. Provide documentation supporting the equivalency of each requested substitution. No more than two substitutes for a given item will be considered, with the second submitted only if the first is rejected, with no implied assurance that either will be accepted. Costs of redesign to accommodate any substitution shall be borne by the Bidder, regardless of success or failure in being awarded this project. Any construction cost related to using an approved substitution shall be borne by the Contractor, having pursued such substitution(s). Submittals after award of Contract shall include incorporation of approved substitutions as if made part of the original Bid Documents.</p> |                     |                |                         |             |
| <b>Description</b>   | <b>Manufacturer</b> | <b>Model</b>   | <b>Qty</b>              | <b>Note</b> |
| <b>Loudspeakers &amp; Amplification</b>  |                     |                |                         |             |
| Main Left, Center Loudspeakers   | JBL                 | CBT70J-1 WH    | 3                       |             |
| Surround Loudspeakers  | Innovox Audio       | SL-2.1 US      | 6                       |             |
| Subwoofers   | JBL                 | ASB6112        | 2                       |             |
| Surround Power Amplifier - PA1   | QSC                 | RMX1450        | 2                       |             |
| LCR + SUBS Power Amplifier - PA2   | QSC                 | RMX1850HD      | 3                       |             |
| <b>Audio Electronics</b>   |                     |                |                         |             |
| Surround Preamp  | Extron              | SSP 7.1        | 1                       | <b>OFE</b>  |
| Wireless Microphone Systems  | Shure               | SLX14/93-H5    | 1                       |             |
| 1/2-wave antennas  | Shure               | UA820-H5       | 2                       |             |
| DSP  | BSS Soundweb        | London BLU-100 | 1                       |             |
| HDMI Audio De-embedder   | Extron              | HAE-100        | 1                       | <b>OFE</b>  |
| CD/USB Player  | Denon               | N-501C         | 1                       |             |
| CD/SD/USB Recorder   | Tascam              | SS-R200        | 1                       |             |
| <b>Hearing Assistance System</b>   |                     |                |                         |             |
| Single-Channel Transmitter   | Listen Technologies | LT-800         | 1                       |             |
| One-Channel Receiver (4% of seatcount)   | Listen Technologies | LR-300         | 5                       |             |
| Mini Earbud Earphone   | Listen Technologies | LA-162         | 12                      |             |
| Earbud Replacement Covers  | Listen Technologies | LA-163         | 8                       |             |
| Neckloop   | Listen Technologies | LA-166         | 1                       |             |
| Rack-Mount Kit   | Listen Technologies | LA-326         | 1                       |             |
| 1/2 Wave Dipole Gain Antenna   | Listen Technologies | LA-123         | 1                       |             |
| 4-Pocket Receiver Charger  | Listen Technologies | LA-317         | 1                       |             |
| ADA Wall Plaque  | Listen Technologies | LA-304         | 1                       |             |
| Rechargeable NiCad Batteries   | Listen Technologies | LA-362         | 12                      |             |
| <b>Control Equipment</b>   |                     |                |                         |             |
| Control Processor #1   | Extron              | IPCP PRO 350   | 1                       | <b>OFE</b>  |
| Control Processor #2   | Extron              | IPL PRO S3     | 1                       | <b>OFE</b>  |
| 5" Touch panel   | Extron              | TLP Pro 520M   | 1                       | <b>OFE</b>  |
| Touch panel Tabletop Kit   | Extron              | SMB-1          | 1                       | <b>OFE</b>  |
| RS232 Extender   | Gefen               | EXT-RS232      | 1                       |             |
| <b>Video Projection and Display</b>  |                     |                |                         |             |
| WUXGA 8,500 Lumen Video Projector  | Panasonic           | PT-DZ870ULK    | 1                       |             |
| Video Projector Lens   | Panasonic           | ET-DLE250      | 1                       |             |
| Projection Screen Low-Voltage Wall Switch  | Draper              | 121171         | 1                       |             |
| Touch-Screen Monitor   | Acer                | T232HLbmidz    | 1                       |             |

| Description   | Manufacturer  | Model                                | Qty | Note |
|---|---|--------------------------------------|-----|------|
| <b>Video Electronics</b>  |   |                                      |     |      |
| Presentation switcher/scaler  | Extron  | IN1606                               | 1   | OFF  |
| Blu-Ray Player  | Pioneer   | BDP-62FH                             | 1   |      |
| HDMI Extender Transmitter   | Extron  | DTP HDMI 230 Tx                      | 1   | OFF  |
| HDMI Extender Transmitter Wall Plate  | Extron  | DTP HDMI 230 D Tx (White)            | 1   | OFF  |
| HDMI Extender Receiver  | Extron  | DTP HDMI 230 Rx                      | 2   | OFF  |
| <b>AV Furniture</b>   |   |                                      |     |      |
| <p><b>Without removing submittal requirements for other system components, note that the final design of all AV furniture must be submitted by the AV Systems Contractor to Owner's representatives for approval. Shop and Field Drawing submittals must include all layouts of components, methods and routing paths for cable entries into the furniture, relationship of the furniture with poke-thrus and wall boxes, and all finishes including surface materials and cabinet hardware. Prior to submittal, verify finishes with Architect. Provide sample surface finish material (as in wood veneer, et cetera) to Architect for review.</b></p> |   |                                      |     |      |
| 32"-Wide Lectern with rack cabinet; monitor arm, side shelf and light on presenter's right; cable well per drawings; large openings in base below rack, and at rear of computer zone, for furniture-feed flexible conduit entry; no casters (configure for fixed installation); (Rms. 143, 235, 253, 256)   | Exact Furniture   | PM-432                               | 1   |      |
| Rack Rails for Lectern  | Exact Furniture   | RR-120                               | 1   |      |
| Side Shelf for Lectern  | Exact Furniture   | SH-SIDE                              | 1   |      |
| Ventilating Fan   | Exact Furniture   | Q-FAN                                | 1   |      |
| Gooseneck Light   | Exact Furniture   | LIGHT                                | 1   |      |
| Cable Deployment Pocket (aka, "Cable Well")   | Exact Furniture   | LC-400                               | 1   |      |
| Articulating Arm for Touch-Screen   | Exact Furniture   | MT-LCD                               | 1   |      |
| <b>Cable in Conduit (Provided by AV Infrastructure Contract. Listed here in the event additional cable in conduit is required.)</b>   |   |                                      |     |      |
| Mic Cable in Conduit, AES3 compliant  | West Penn (or equal by Belden)  | DA2401 (Belden 1800B)                | Lot |      |
| Line-Level Cable in Conduit, AES3 complaint   | West Penn (or equal by Belden)  | DA2401 (Belden 1800B)                | Lot |      |
| Intercom Shielded-Pair Cable in Conduit   | West Penn (or equal by Belden)  | DA2401 or 291 (Belden 1800B or 8451) | Lot |      |
| Jacketed Loudspeaker Cable in Conduit - Main Loudspeakers   | West Penn (or equal by Belden)  | C210 (Belden 5T00UP)                 | Lot |      |
| Unjacketed Loudspeaker Cable in Conduit - Monitor/ Effects Loudspeakers   | West Penn (or equal by Belden)  | C207 (Belden 1860A)                  | Lot |      |
| Unjacketed Loudspeaker Cable in Conduit - Monitor/Page Ceiling Loudspeakers   | West Penn (or equal by Belden)  | C205 (Belden 1862A)                  | Lot |      |
| Video Cable in Conduit  | West Penn (or equal by Belden)  | 6350 (Belden 1694A)                  | Lot |      |
| AV Data Cable in Conduit, Cat6  | West Penn (or equal by Belden or AMP)   | 4246 (Belden 7883)(AMP 219560)       | Lot |      |
| Video Transport Category 6 F/UTP Cable in Conduit   | West Penn (or equal by Belden)  | 4246F (Belden 1351A)                 | Lot |      |
| H.A.S Antenna Cable   | West Penn (or equal by Belden)  | 810 (Belden 8237)                    | Lot |      |
| <b>Miscellaneous</b>  |   |                                      |     |      |
| Rack Lights/Power Conditioner   | Furman  | PL-8-C                               | 2   |      |
| Power Sequencing System Components; 20A sequenced relay per branch circuit at main rack; additional receptacles loaded on relays as necessary, including in the fixed lectern; power sequencing order as per accepted practice  | Middle Atlantic, Furman, Juice Goose, Atlas (or equal submitted for approval) | TBD by Contractor                    | Lot |      |
| Cables for connection of OFE PC computer in lectern (specifically listed here to avoid confusion with regard to responsibility; select cables to touch-screen monitor for appearance and ease of routing along articulating mounting arm)   | TBD by AV Contractor  | TBD                                  | Lot |      |
| Locking Rack Drawer   | Middle Atlantic   | D2LK                                 | 2   |      |
| Small-Device Rack Shelf   | Middle Atlantic   | UFA 8                                | 2   |      |
| Small-Device Rack Shelf Face Panel  | Middle Atlantic   | UFAF-1                               | 2   |      |
| Misc. Vents and Blanks  | Middle Atlantic   | Various                              | Lot |      |
| Copper Bus Bar  | Custom  | by Contractor                        | 2   |      |
| Misc. Wire and Hardware   | by Contractor   | Various                              | Lot |      |
| UPS Power Supply for DSP and Control Proc. #1   | CyberPower  | CP550SLG                             | 1   |      |