



WDG Architecture, PLLC
1025 Connecticut Avenue, NW
Suite 300
Washington, DC 20036
Tel: (202) 857-8300
Fax: (202) 463-2198
Email: AV-Upgrades@wdgarch.com
Website: www.wdgarch.com

Request for Proposal: WDG Architecture AV Systems Upgrades

I. About WDG Architecture

WDG Architecture (WDG) provides architecture, master planning and interior design from our offices in Washington, DC and Dallas, TX. Our award-winning work can be found in major metropolitan areas around the United States as well as overseas. We have a staff of approximately 150 and have produced more than 500 major buildings, including commercial office, multifamily residential, higher education, institutional, hospitality, and mixed-use projects since our inception in 1938.

Our offices are designed as productive, interactive environments that promote creativity and collaboration. WDG professionals are also supported by the latest technological resources advancing our expertise in cutting-edge design, building information modeling and quality control.

II. Project Statement

The purpose of this project is to outfit WDG's conference rooms with a number of audio visual systems that range from an Audio Tele-Conferencing System to wireless projection systems to relocation of existing AV equipment that will enhance the experience of our corporate meetings. This project will entail three (3) phases as discussed below. WDG has received consultation from an audio visual consultant in advance to obtain the necessary requirements for completing this project. Therefore, all major equipment and parts are specified below. However, all parties submitting an RFP are encouraged to identify other equipment and parts that they believe are pertinent to completing this project.

III. Business Requirements

CONFERENCE ROOM A

WDG would like to install in Conference Room A an Audio Tele-Conferencing (ATC) system that will consist of ceiling mounted speakers, IP telephone system operable via a wall mounted digital control panel, ceiling hung microphone arrays, and a rack and cabinetry to house ATC peripheral equipment. Cabinetry color selection will be provided after awarding of project. This phase of the project will require some existing equipment to remain or modified to accommodate the newly added equipment. More details of what is required in this phase of the project and the equipment needed to complete the project can be found below.



REQUIREMENTS:

- Preserve Current LCD-LED Display At Front Of Room
- Preserve Wired Laptop Connection On Wall
- Preserve Wireless Laptop System
- Add Biamp Signal Processor System
- Add Two Audix Ceiling Based Microphone Arrays
- Add JBL Audio Amplifier
- Add Four Atlas Sound Ceiling Speaker Boxes
- Upgrade Control System To Crestron Format
- Upgrade Button Pad To Programmable Wall Mounted 7 Inch Touch Screen
- Program Crestron System To Work With Current Display and New ATC System
- Add Miller’s Millworks Cabinetry To Room To House Middle Atlantic Rack

EQUIPMENT:

Item	Mfg	Model	Description	Qty
			<u>Room A</u>	
			<u>Audio</u>	
1	BIAMP	BIATESIRAFORTETI	TESIRA FORTE DSP FIXED I/O SERVER W/ 12 IN, 8 OUT, 8 USB AUD	1
2	AUDIX	AUDM3W	MICROPHONE, TRI-ELEMENT CEILING (WHITE)	2
3	JBL	JBLCSA180Z	AMPLIFIER, 1 X 80W , FANLESS, 70/100V, 1U HALF-RACK	1
4	ATLAS SOUND	ATLSBMS	PACKAGE, SERVICE SVR T72 (WHITE)	4
			<u>Control</u>	
5	CRESTRON	CRERMC3	CONTROLLER, 3-SERIES ROOM MEDIA	1
6	CRESTRON	CRETSW752BS	TOUCH SCREEN, 7" SURFACE MOUNT – BLACK SMOOTH	1
7	CRESTRON	CRETSWUMB	MOUNTING BRACKET, UNIVERSAL FOR TSW-X50 AND TSW-X52 SERIES	1
8	CRESTRON	CRETSW550BBI	BACK BOX, WALL MOUNT FOR TSW-550	1
9	NETGEAR	NETGS108PE300NAS	ETHERNET SWITCH, PROSAFE PLUS 8-PORT GIGABIT 10/100/1000BASE	1
			<u>Miscellaneous</u>	



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10	MIDDLE ATLANTIC	MIDBRK12	RACK, 12 SPACE 18" DEEP	1
11	MIDDLE ATLANTIC	MIDPD915R	POWER STRIP, 9 OUTLET, SINGLE 15 AMP CIRCUIT	1
12	MIDDLE ATLANTIC	MIDU2	2 SPACE (3 1/2") RACKSHELF	1
13	MIDDLE ATLANTIC	MIDU1	1 SPACE (1 3/4") RACKSHELF	1
14	Miller's Millworks	MRC-13	CABINETRY TO HOUSE ATC EQUIPMENT	1

CONFERENCE ROOM B & C

In the second phase of the project, WDG would like the selected AV consultant to relocate the existing flat panel television from the credenza in which it resides, to an adjacent wall. The television is to be mounted to the wall specified by WDG. The forth mentioned requirements will apply to both Conference Room B and C. In addition, WDG would like for the consultant to quote and install an Air Media wireless projection system in both conference rooms. Please note that all equipment and their associated parts are to be mounted on the wall behind the wall hung television. Furthermore, WDG would like to have installed a mini computer (supplied by WDG) in both conference rooms. This computer is to be linked to the wall mounted TV, the corporate network (provided by WDG) and wall mounted control panel (in room receiving new panel). All requirements and equipment needed to complete this phase of the project can be found below.

REQUIREMENTS:

- Re-Use 50 Inch and 70 Inch LCD-LED Displays To View Data and Video
- Use Display Based Audio System
- New Computer Connectivity / Mounted Behind
- New Wireless Laptop Computer Connectivity
- New Wall Plate w/ VGA-AA and HDMI Connectivity
- Re-Use Wall Mounted Bi-Directional RS-232 Control Pad [Already De-Installed]
- New Wall Mounted Bi-Directional RS-232 Control Pad



EQUIPMENT:

Item	Mfg	Model	Description	Qty
1	CHIEF	CHIXTM1U	MOUNT, FUSION MICRO-ADJ TILT WALL MOUNT, 55-82" DISPLAYS	2
2	CHIEF	CHIFCA110	FUSION CAT5/SURGE/CPU ADAPTOR	2
3	CRESTRON	CREAM100	PRESENTATION GATEWAY, AIRMEDIA, WIRELESS	2
4	LIBERTY	LIBPCG1796EPW	PLATE, 1 GANG CLASIC SERIES WHITE, 1 P9, 1 V57, 1 V5	2
5	LIBERTY	LIBEVGAMAMM12	CABLE, VGA WITH AUDIO CABLE	2
6	LIBERTY	LIBE2HDSEMM04	CABLE, 12' HDMI WITH ETHERNET	2
7	LIBERTY	LIBEHDVAMM15	CABLE, 15' TABLETOP HDMI/VGA/AUDIO HYBRID	2
8	EXTRON	60-1194-03	MLC Plus 84D Control Pad w/ RS-232	1
9	EXTRON	70-775-01	Power Supply 12V	1

WDG LOUNGE

WDG would like to outfit its lounge with a mini computer to allow for access to the corporate network. WDG will supply the computer, but will require the assistance of the consultant to mount computer to the wall behind the existing flat screen television, and establish connectivity from the computer to the television as well as the wall mounted control panel. WDG will provide wall mounted data ports and power outlets for the computer. All requirements and equipment needed to complete this phase of the project can be found below.

REQUIREMENTS:

- Preserve LCD-LED Monitor On Front Wall
- Preserve Room Sound System
- Preserve Wireless Laptop Computer Connectivity
- Preserve Wall Plate w/ VGA-AA and HDMI Connectivity
- Preserve and Re-Program Wall Mounted Bi-Directional RS-232 Control Pad
- Update Extron HDMI Switch To Larger 4 Input / HD-4K Format
- Install Customer Furnished Mini-Computer System



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EQUIPMENT:

Item	Mfg	Model	Description	Qty
1	EXTRON	EXT60148401	SWITCHER, FOUR INPUT, SW4 HD 4K	1

IV. Project Timeline

1. Official Request for Proposal Submission - August 29, 2016
2. Site Survey by AV Consultants - September 7, 2016, 2PM – 3PM, See Address Above
3. Finalize Collection of RFPs - September 16, 2016
4. Review, Select, Award Project - by October 3, 2016 (tentative)

V. Notes

1. Proposals should include suggestions, recommendations and/or additional equipment references if found necessary.
2. Cost estimates should be submitted per project phase.
3. Email proposals to AV-Upgrades@wdgarch.com; Attn: Donald Ragland, IT Director.
4. This document should not be treated as a contract.