



**ACKNOWLEDGMENT OF RECEIPT
IFB # 2949-9**

Description: AUDIO-VISUAL SYSTEMS

Please provide the requested information below as acknowledgment that you have received our Invitation for Bid noted above. It is **strongly recommended** that interested Bidders complete this acknowledgment and return via Fax to MCCCCD Purchasing at **(480) 731-8190**. **Only by doing this, will we be able to provide you notification of any amendments to this Bid.**

Bids from firms **not** acknowledging amendments may be considered incomplete and subject to disqualification.

Name of Firm: _____

Address: _____

Fax #: _____ Tel. #: _____

e-mail: _____

Name:(Print) _____ Title: _____

Signature: _____ Date: _____



MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT

**INVITATION FOR BID
IFB #2949-9**

AUDIO-VISUAL SYSTEMS

**GLENDALE COMMUNITY COLLEGE
Public Safety Sciences Building**

**MANDATORY PRE-BID MEETING:
10:00 A.M. (MST) , WEDNESDAY, OCTOBER 21, 2009**

BIDS DUE: 3:00 PM (MST), THURSDAY, OCTOBER 29, 2009

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
IFB #2949-9
GCC AUDIO-VISUAL SYSTEMS

1.0 It is the intent of Maricopa County Community College District (MCCCD or the District) to select an AV Contractor to provide and install Audio-Visual Systems in the Public Safety Sciences (PSS) Building on the campus of Glendale Community College (GCC), 6000 West Olive Ave., Glendale, AZ 85302.. The purchase award will be made to the responsible and responsive Bidder submitting the lowest Total Price (not including applicable taxes). This IS an all or nothing bid.

1.1 SCOPE OF WORK The Contractor shall provide all equipment, materials, labor, parts, insurance and supervision for the installation of a fully functional, turnkey system, ready for faculty and student use, per the project requirements described in Section 5 and the attached room media installation requirements.

1.2 A MANDATORY PRE-BID MEETING will be held at **10:00 A.M. (MST), Wednesday, October 21, 2009**, at the Construction Trailer by the Public Safety Sciences Building at the above location, followed by a walk through of the site after the meeting. Bidders are **required** to attend and sign in. Bidders need to bring and wear Hard Hats. Pants and closed toed shoes (no high heels) are necessary. (Individuals must indicate on the sign in form if they are representing a firm other than their own. Firms representing other firms are prohibited from submitting a Bid) At this time Bidders should familiarize themselves with the site and with any conditions affecting Bid prices and performance according to the requirements of this IFB. Submittal of a Bid will serve as representation that the Bidder is aware of these conditions. **Failure to attend will result in a rejection of the Bid.**

1.3 SCHEDULE OF EVENTS (Dates subject to adjustment)

Mandatory Pre-Bid Meeting **10:00 A.M. (MST), Wednesday, October 21, 2009**

Bids Due **3:00:00 P.M. (MST), THURSDAY, OCT. 29, 2009**

Notice of Award (estimated) November 4, 2009

Purchase Order will be issued only after the Acceptance of Notice of Award has been signed and returned along with the Payment and Performance Bonds and Certificates of Insurance/Workman's Comp.

Project Start Date December 1, 2009

Substantial Completion/Begin Testing January 4, 2010

Final Acceptance/ Beginning of Warranty Period
followed closely by Training of Personnel January 11, 2010

2. INSTRUCTIONS TO BIDDERS

2.1 BID SUBMITTAL It shall be the responsibility of the Bidder to assure that Bids as described in the BID REQUIREMENTS section are received as follows:

Bids must be received at the First Floor Lobby Reception Desk, MCCCCD, 2411 W. 14th Street, Tempe, Arizona, 85281, no later than **3:00:00 P.M. (MST), THURSDAY, October 29, 2009**. When delivering the Bid, Bidders should allow sufficient time to check in with Security.

The bid must be delivered sealed with the following information clearly visible on the packaging: IFB #2949-9, AV Systems, 3:00 P.M., October 29, 2009

Bids received after this time and date shall not be considered and will be returned unopened. Bids will be opened after the hour at: District Office, 2411 W. 14th St., Tempe, AZ - 5th Floor Purchasing Conference Room, and the prices read aloud and recorded; no award will be made at this time. Any subsequent contract will be awarded only after review of the bid results by MCCCCD Purchasing.

2.2 QUESTIONS Larry Fox, Buyer Phone 480-731-8517 Fax 480-731-8190
e-mail: larry.fox@domail.maricopa.edu

2.3 SITE VISITS See Section 1.2

2.4 BID EVALUATION This Invitation for Bid does not constitute a commitment by the District to award a contract. The District reserves the right to waive any informality and to reject any or all Bids and/or to cancel this IFB when MCCCCD determines it is in the best interest of the District to do so. MCCCCD shall have the right to reject a Bid not accompanied by any data required by the IFB. Bids which are in any way incomplete or irregular as well as conditional Bids may not be accepted. No contract shall exist until executed in writing.

2.5 BID FORM All Bids must be submitted in writing. No oral or telephone Bids, modifications, or amendments will be considered. Facsimile (fax machine) or computer data transfer submittals will not be accepted. A Bidder by submitting a Bid represents that the IFB has been read and understood and that the Bid is made in accordance therewith. All documents submitted with the Bid which require a signature must be signed by an individual authorized to submit a formal bid. Bids that are not signed may be rejected.

It is agreed that the discovery of any significant inaccuracy in information given by the Bidder may constitute good and sufficient cause for rejection of the bid.

2.6 AWARD WITHOUT DISCUSSION MCCCCD reserves the right to make a contract award without further discussion of the bids received. It is therefore critical that all bids be submitted initially in the most favorable terms possible, both economically and technically.

2.7 MODIFICATION OR WITHDRAWAL OF A BID Prior to the time and date designated for receipt of Bids, Bids may be modified or withdrawn only by notice to MCCCCD. Modification or withdrawal must be in writing, signed and received by MCCCCD prior to the time designated for receipt of bids by MCCCCD at the address provided herein. Withdrawn bids may be resubmitted up to the time designated for the receipt of bids provided that they are fully in conformance with Bid Requirements.

2.8 MCCCCD MODIFICATION TO IFB Any interpretation, correction, or change of this Invitation for Bid will be made by written Amendment issued by MCCCCD. Interpretations, corrections, or changes made in any other manner will not be binding, and Bidders shall not rely upon such interpretations, corrections, and changes. Amendments will be forwarded to all Bidders who have completed and mailed or faxed the attached Acknowledgment of Receipt to MCCCCD Purchasing. **Since failure to submit an amendment with a Bid may be cause for rejection, Bidders are strongly encouraged to return the Acknowledgment.**

2.9 NON-COLLUSION MCCCCD encourages free and open competition. Whenever possible, specifications, Proposal or Bid invitations and conditions are designed to accomplish this objective, consistent with the necessity to satisfy MCCCCD's needs and the accomplishment of a sound economical operation. By signing this document, the Bidder guarantees that the prices offered have been established without collusion with other eligible Bidders and without effort to preclude MCCCCD from obtaining the lowest possible competitive price.

2.10 COST OF PREPARING BIDS Any and all costs associated with the preparation of responses to this IFB including site visits, oral presentations or any other costs shall be entirely the responsibility of the Bidder and shall not be reimbursable in any manner by the MCCCCD.

2.11 PROPRIETARY INFORMATION In the event any Bidder shall include in the Bid any information deemed "proprietary" or "protected", such information shall be separately packaged from the balance of the Bid and clearly marked as to any proprietary claim. The District discourages the submission of such information and undertakes to provide no more than reasonable efforts to protect the proprietary nature of such information. The District, as a public entity, cannot and does not warrant that proprietary information will not be disclosed. The District shall have the right to use any or all information included in the Bids submitted unless the information is expressly restricted by the Bidder. Pricing is not considered proprietary information.

2.12 BID REQUIREMENTS This IS an all or nothing Bid.

2.12.1 Bidders shall only submit one (1) bid. It is therefore critical that Bidders carefully review all bid documents to ensure that the Bid submitted reflects the most favorable terms possible, both economically and technically. Multiple bids shall result in all bids by the Bidder being rejected.

2.12.2 BID PRICING BID PRICE IS TO REMAIN FIXED FIRM FOR SIXTY (60) DAYS FROM BID DUE DATE to allow time for evaluation and award. Price increases after issuance of the Purchase Order is not allowed. Bid price must include ALL requirements satisfying the Audio-Visual Systems for Glendale Community College, Public Safety Sciences Building described in Section 5 and the attached room media installation requirements, including warranty (Section 5.4), training (Section 5.5), and all shipping and delivery charges. Warranty period will begin from the date of final acceptance by GCC. Items bid are to be brand new from manufacturer including all manuals, if any, and product literature provided by manufacturer with new equipment.

2.12.3 SUBSTITUTES Due to efforts made by Glendale Community College to standardize equipment and multimedia systems, it has been determined that no substitutes will be allowed for the manufacturer names and models specified. If it can be shown that the model has been discontinued, the manufacturer's replacement model will also be acceptable.

2.12.4 THE COMPLETE RESPONSE TO THIS IFB MUST INCLUDE ONE (1) ORIGINAL (CLEARLY MARKED AS SUCH) AND (1) COPY OF :

- 1) The completed and signed Price Totals Sheet included with this IFB.
- 2) The completed GCC Public Safety Building Media Equipment List included with this IFB. Bids not including this List shall be deemed non-responsive.
- 4) The completed and signed Signature Page Attachment A included with this IFB.
- 5) QUALIFICATIONS STATEMENT Provide complete and detailed information satisfying the requirements of Section 5.1.
- 6) An exceptions/comments sheet (if any exception is taken with this IFB, or additional comments are necessary).
- 7) Signed Amendments, if any. Amendments submitted after the original Bid is submitted must also be sealed.

8) **BID SECURITY**: Bid security shall be made payable to, Maricopa County Community College District, in the amount of ten percent (10%) of the total amount of the purchase award. Security shall be either certified check or bid bond issued by a surety company licensed to conduct business in the State of Arizona. The successful Bidder's security shall be retained until the Notice of Award Acceptance is signed and the required Performance and Payment Bonds have been furnished. If any Bidder refuses to enter into a contract, the District will retain the Bid Security as liquidated damages but not as a penalty. Sample Bid Bond is attached as Attachment B to this IFB.

2.13 **PERFORMANCE AND PAYMENT BONDS**: The successful Bidder shall furnish a Performance Bond in an amount equal to one hundred percent (100%) of the Contract Sum as security for the faithful performance of this Contract and also a Labor and Material Payment Bond in an amount not less than one hundred percent (100%) of the Contract Sum, as a security for the payment of all persons performing labor and furnishing materials for this Contract. **The cost of these Bonds shall be borne by the Contractor and the amount shall be included in the Bid Price.** Bonds shall be made payable to Maricopa County Community College District. Sample Bonds are attached as Attachments C & D to this IFB.

2.14 **SELECTION CRITERIA**

- 1) Compliance with Bid requirements.
- 2) Total Cost submitted on the Price Sheet, not including taxes.
- 3) Ability to Perform. MCCCCD may make investigations to determine the ability of the Bidder to complete the project in an excellent manner. MCCCCD reserves the right to reject any Bid if MCCCCD is not satisfied that the Bidder is properly qualified to carry out the obligations of the contract. MCCCCD shall make the final decision as to the Bidder's ability to perform.
- 4) MCCCCD reserves the right to consider historic experience with the Bidder in the selection process, including past performance on similar contracts at MCCCCD locations.

2.15 **DEVIATIONS FROM BID** Bidders must specifically provide a separate listing, by section number, of each circumstance in which the Bid submitted differs from any terms or specifications of the IFB. Failure to list such a deviation will result in that terms of the Bid submitted being disregarded in favor of the correlative term(s) of the IFB. Deviations must be clearly detailed as an attachment to the Bid. MCCCCD will make the sole determination as to the suitability of the deviation with regard to the Project.

3. GENERAL TERMS AND CONDITIONS

3.0 The following General Terms and Conditions constitute the provisions of the contract to be executed between the District and the successful Bidder.

3.1 PARTIES TO AGREEMENT The contract shall be between the Maricopa County Community College District, (MCCCD or the District), and the successful Bidder, hereafter referred to as Contractor.

3.2 CONTRACT AWARD Any contract (s) awarded will consist of: all sections and attachments to this IFB including amendments, if any are generated prior to the IFB due date; the Bid submitted by prospective Contractor; and an executed Purchase Order issued from MCCCD Purchasing Department. By submitting a Bid, it is assumed that the Bidder is familiar with, and has the ability to perform, all contract requirements.

3.3 LICENSE AND PERMITS The Contractor shall be financially responsible for obtaining all required permits, licenses, and bonding to comply with all pertinent municipal, county, state and federal laws.

Each Bidder shall be an Arizona licensed Contractor and be appropriately licensed for the intended work at the time of bid submission. It is the Contractor's responsibility to assure that the State of Arizona Registrar of Contractor's license proposed for this project allow the Contractor to perform the full scope of work if it is not a B-01 or B-02 General Commercial Contractor license. In general interpretation, a Specialty Commercial Contracting license will allow a minor amount of subcontracted work to trades outside the specialty license if that work is both directly related to the main work of the project, does not represent a significant percentage of the total contract value (usually 15% or less) and is, in itself, not significant. Examples of what has been allowed is subcontracting of concrete work for concrete patching or concrete pole bases for an exterior electrical lighting contract, or extension of or new electrical circuits from existing circuit breakers needed in an HVAC renovation project. Examples of what has not been allowed to be subcontracted under a Specialty Commercial Contractor license would be providing new electrical panels in the same HVAC renovation project, installing new lay-in ceiling tile throughout a large area when only a small portion was needed in the immediate area of a small replacement air handler, etc.) Contractor must submit the name(s) and AZ ROC license number of all Sub-contractors to be used on this project.

No municipal building permit is required for any District work.

3.4 CONTRACT ASSIGNMENT This Contract, in part or in whole, **shall not** be assigned **without prior written permission of the MCCCD Purchasing Department.**

3.5 SUB-CONTRACTING The Contractor should utilize its own equipment and personnel on MCCCD's projects as much as possible. Reliance on subcontractors should be limited. Where subcontractors are used, the Contractor shall be fully responsible for the performance of the subcontractor, and use requires written approval.

3.6 LIABILITY FOR TAXES The Contractor assumes complete liability for all taxes applicable to the operations, income, and transactions of the Contractor. The District shall not be liable and will not make reimbursement to the Contractor for any tax imposed either directly or indirectly upon the Contractor by any authority by reason of the contract or otherwise.

3.7 PROVISION OF SUPPLIES, MATERIALS AND LABOR The Contractor shall furnish all supplies, equipment, materials, vehicles, and all management and labor necessary for the efficient and sound performance of all requirements of this contract.

3.8 CATASTROPHE If, because of riots, war, public emergency or calamity, fire, earthquake, Act of God, government restriction, labor disturbance or strike, business operations at the District shall be interrupted or stopped, performance of this contract, with the exception of moneys already due and owing, shall be suspended and excused to the extent commensurate with such interfering occurrence; and the expiration date of this contract may by mutual agreement of both parties be extended for a period of time equal to the time that such default in performance is excused.

3.9 CONFLICT OF INTEREST The District may cancel this contract under ARS 38-511 for a violation of that statute.

3.10 INSURANCE When required, the Contractor shall maintain during the term of this Contract the following insurance policies issued by companies licensed in Arizona with a current A. M. Best rating of A:VII or better. Prior to commencing work or services, Contractor shall furnish the District Risk Manager with certificates of insurance evidencing the required coverages, conditions and limits required by this Contract. The insurance policies, except Workers' Compensation and Professional Liability, shall be endorsed to name the Maricopa County Community College District, its agents, officers, officials, employees, and volunteers as additional insureds. In the event any insurance policy(ies) required by this Contract is (are) written on a "claims made" basis, coverage shall extend for two years past completion and acceptance of the Contractor's work or services and must be evidenced by annual certificates of insurance. The insurance policies shall be endorsed stating that they shall not expire, be cancelled, suspended, voided or materially changed without 30 days written notice by certified mail to the District Risk Manager. The Contractor's insurance must be primary, and any insurance or self-insurance maintained by the District shall not contribute to it. If any part of this Contract is subcontracted, these insurance requirements also apply to all subcontractors.

1. **Commercial General Liability** insurance with a limit of not less than \$1,000,000 per occurrence for bodily injury, property damage, personal injury, products and completed operations, and blanket contractual coverage, including but not limited to, the liability assumed under the indemnification provisions of this Contract.

2. **Automobile Liability** insurance with a combined single limit for bodily injury and property damage of not less than \$1,000,000 each occurrence with respect to the Contractor's owned, hired, and non-owned vehicles.

3. **Workers' Compensation** insurance with limits statutorily required by any Federal or state law and **Employer's Liability** insurance of not less than \$100,000 for each accident, \$100,000 disease for each employee, and \$500,000 disease policy limit.

3.11 INDEMNIFICATION To the fullest extent permitted by law, the Contractor shall defend, indemnify, and hold harmless the District, its agents, officers, officials, employees, and volunteers from and against all claims, damages, losses, and expenses (including but not limited to attorney fees and court costs) arising from the acts, errors, mistakes, omissions, work or service of the Contractor, its agents, employees, or any tier of Contractor's subcontractors in the performance of this Contract. The amount and type of insurance coverage requirements set forth above will in no way be construed as limiting the scope of indemnification in this paragraph.

3.12 COMPLIANCE WITH LAWS The Contractor shall at all times comply with the Federal Immigration Reform and Control Act of 1986 (and by any subsequent amendments thereto) and shall indemnify and hold harmless the District from any and all costs or expenses whatsoever arising out of the Contractor's compliance or noncompliance therewith.

3.13 ADVERTISING No advertising or publicity concerning MCCCCD using the Contractors services shall be made without prior written approval of such advertising or publicity by MCCCCD.

3.14 DELIVERY/FOB All prices shall be F.O.B. Destination and shall include all delivery and unloading at the destination identified in this IFB.

3.15 NON-DISCRIMINATION In connection with the performance of work under this contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, sex, physical condition, developmental disability, or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. The Contractor further agrees to take affirmative action to insure equal employment opportunities for persons with disabilities.

3.16 CONTRACT TERMINATION MCCCCD may terminate this contract for failure to perform according to the Contract. For termination, MCCCCD may consider such factors as: insufficient insurance coverage, failure to keep wage payments to employees current, quality of service is unsatisfactory to MCCCCD, or actual or possible bankruptcy, insolvency or reorganization. This may include any cessation or diminution of service included but not limited to failure to maintain adequate personnel, whether arising from labor disputes, or otherwise any substantial change in ownership or proprietorship of the Contractor which in the opinion of MCCCCD is not in its best interest or failure to comply with the terms of this contract. MCCCCD may terminate contractor for a combination of factors that results in poor contract performance.

MCCCCD shall provide ten (10) days written notice of non-compliance, and unless within ten (10) days non-compliance has been cured, MCCCCD may terminate the contract by giving thirty (30) days notice in writing by registered or certified mail of its intention to cancel this contract for non-compliance. Contractor will have no further recourse against MCCCCD.

3.17 FERPA If Contractor has access to students' educational records, Contractor shall limit its employees' access to the records to those persons for whom access is essential to the performance of this contract. At all times during this contract, Contractor shall comply with the terms of the Family Educational Rights and Privacy Act of 1974 in all respects. (20 U.S.C. § 1232g; 34 CFR Part 99).

3.18 LEGAL WORKER REQUIREMENTS: As mandated by Arizona Revised Statutes § 41-4401, MCCCDC is prohibited after September 30, 2008 from awarding a contract to any contractor who fails, or whose subcontractors fail, to comply with Arizona Revised Statutes §23-214-A. That statute requires that employers verify the employment eligibility of their employees through the federal E-verify system. An “employer” is an independent contractor, a self-employed person, the State of Arizona or any of its political subdivisions, or any individual or type of organization that transacts business in the State of Arizona, that has a license issued by an agency in the State and that employs one or more employees in the State. (See A.R.S. §23-211-4.) Therefore, in signing or performing any contract for MCCCDC, the Contractor fully understands that:

A. It warrants that both it and any subcontractors it may use comply with all federal immigration laws and regulations that relate to their employees and with A.R.S. § 23-214-A;

B. Any breach of that warranty is material and is subject to penalties up to and including immediate termination of the contract; and

C. MCCCDC or its designee is authorized by law to randomly inspect the records relating to an employee of the Contractor or any of its subcontractors who works on the contract to ensure compliance with the warranty made in Paragraph A above.

3.19 CERTIFICATION Pursuant to Arizona Revised Statutes §35-397, Contractor certifies that it does not have a scrutinized business operation in either Sudan or Iran.

3.20 PAYMENT Payment will be requested by submitting an invoice referencing the Purchase Order number. MCCCDC shall make every effort to process payment within thirty (30) days after receipt of a correct invoice, unless a good faith dispute exists as to any obligation to pay any or all of the invoice. **IN NO INSTANCE, HOWEVER, SHALL SUPPLIES OR SERVICES BE PROVIDED BY THE CONTRACTOR WITHOUT A SIGNED PURCHASE ORDER HAVING BEEN ISSUED BY MCCCDC PURCHASING.** Payment may be withheld for supplies or services provided without a valid Purchase Order.

4. GENERAL CONTRACTOR REQUIREMENTS

4.0 The Contractor agrees that all work performed under this contract shall be done in a manner consistent with industry standards.

4.1 The Contractor shall maintain the same person in charge of work throughout the Project.

4.2 The Contractor shall take all necessary precautions for the safety of students, employees or the public and comply with all applicable provisions of Federal, State, Tribal and Municipal Safety requirements. The Contractor shall confine his equipment, materials and operations of his workmen to the area limited by the Site Coordinator or an authorized designee. The Contractor shall perform the work so as to minimize disruption of the normal operations of the site. .

4.3 No alcohol, weapons, or illegal drugs are allowed on MCCCCD property, nor is any worker to be allowed on the site while under the influence of alcohol or drugs.

4.4 The Contractor assumes all risk as to the nature of the project and difficulties that may be due to any unfavorable conditions that may be encountered in the work whether apparent on inspection or discovered after work begins.

4.5 No disconnection of a utility shall be made by the Contractor or any subcontractor without forty-eight (48) hours notice to the site Buildings & Grounds Director.

4.6 Upon completion of service, all debris shall be promptly removed from the site and the Contractor shall leave the site in a neat and orderly condition to the satisfaction of the site coordinator.

4.7 The Contractor agrees to utilize only TRAINED, experienced, responsible and capable people in the performance of the work. Employees shall perform their duties with safe work habits. The Contractor shall ensure that employees are trained on OSHA requirements. MCCCCD may require that the Contractor remove from the job site, employees who endanger persons or property.

4.8 No one except authorized employees of the Contractor are allowed on MCCCCD property. Employees are not to be accompanied in the work area by acquaintances, family members or any other persons who are not authorized Contract employees.

4.9 The Contractor will assure that all Contractor employees are properly documented and are legally eligible to work in the United States. If MCCCCD becomes aware that any Contractor employee does not meet these requirements, the Contractor shall immediately remove the employee from the premise and provide a replacement. If Contractor persists in using undocumented, or employees ineligible to work legally in the United States, it shall be grounds to terminate the Contract.

4.10 The Contractor is required to provide MCCCCD with assurances that every effort has been made, to the extent provided by law, that all persons proposed by the Contractor for employment under the terms of this contract have not been convicted of any felony, sex crime, crime of moral turpitude, or any crime against a child, including but not limited to sexual misconduct with a minor, child abuse and/or child abduction.

5. GENERAL PROJECT REQUIREMENTS

Glendale Community College Public Safety Sciences Building

5.0 Overview GCC would like an AV Contractor to provide and install Audio Visual Systems for several rooms in the Public Safety Sciences Building. These systems are to be fully functional turnkey systems ready for use by faculty and students upon acceptance.

Media installation requirements are described on the attached sheets.

5.1 Qualifications

A. Demonstrate at least three (3) years experience in the fabrication, programming, assembly, and installation of audiovisual presentation and remote control systems of similar magnitude and quality as specified for the subject job. **A qualified firm shall be authorized sales and service center for all listed components in this specification, in particular the control system.**

B. References: Furnish no less than three (3) references for installations of similar size (dollar amount & quantity of spaces receiving integrated technology) and scope, performed within the past twenty-four (24) months. At a minimum, reference information will include the reference company or institute name, contact person's name and title, telephone number, address, detailed project description, project manager's name, and contact information of the organization that is responsible for day-to-day operation of the audiovisual installation.

5.2 Installation

5.2.1 Installation shall only be performed by trained, experienced, responsible personnel.

5.2.2 Control Programming Code: Crestron Programming must be completed by a Certified Crestron Programmer. All programming code developed for this system becomes the property of MCCCCD and is to be provided on CD or DVD upon Project completion.

5.2.3 Cables: All cables must be shielded.

5.2.4 Connections: Contractors shall NOT use hot glue or similar material to secure soldered connections.

5.2 Installation (Continued)

5.2.5 Manuals At the completion of the installation, the Contractor shall provide as a minimum:

- Equipment manufacturer's operation and service manuals for each make and model of equipment.
- System Operation Manual. This manual shall provide a simple "How-to" users guide for the procedures needed to operate each system to accomplish all functional requirements, to include Control system keypad layouts accompanied by narrative text describing "step-by-step" functions. This document shall contain a section on operating the systems equipment in the event of control system failure.
- Schematic "as built" wiring diagrams with cable markings.
- Detailed description of all custom equipment modifications.
- Provide editable electronic copies of all software associated with audiovisual systems, and. source code software.

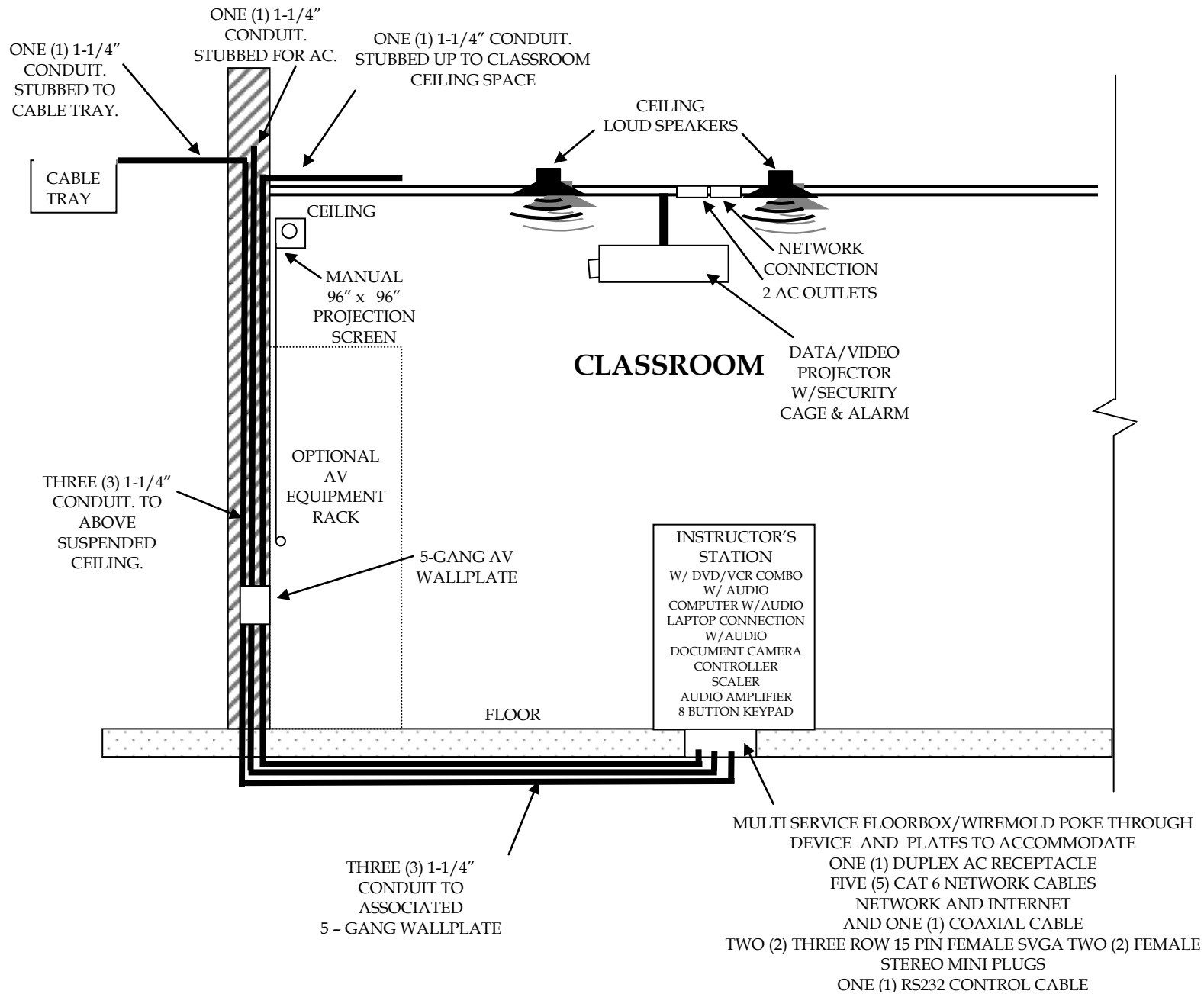
5.2.6 Clean-Up: The Contractor shall be responsible for clean-up, and proper disposal of packing materials etc. and the protection of existing surfaces or equipment.

5.3 Completion Testing: Upon completion of all work specified under this section, the Contractor shall notify GCC, who will schedule an inspection. Any equipment that fails to meet with the specifications shall be repaired or replaced with suitable equipment and the inspection shall be rescheduled under the same conditions as previously specified. Final acceptance will be withheld until all systems have been thoroughly tested and found to be in excellent operating condition in every manner.

5.4 Warranty: The system warranty shall be for twenty-four (24) months from the date of system acceptance. Provide all equipment, material, and labor required to uphold the warranty at no charge. All manufacturers' equipment warranties shall be activated in GCC's name and shall commence on the date of system acceptance. In the case of modified equipment, the manufacturer's warranty is normally voided. In such cases, the Contractor shall provide GCC with a warranty equivalent to that of the original manufacturer.

Any required maintenance or replacement, including removal and re-installation, shall be completed by the Contractor within five (5) working days of notification except for safety related items which shall be corrected within twenty-four (24) hours of notification.

5.5 Training A minimum of 2 hours of training in the complete operation and maintenance of the system for personnel designated by GCC (maximum 4) shall be provided by the Contractor following acceptance of the project



TYPICAL CLASSROOM AUDIOVISUAL INFRASTRUCTURE
 NOTE: NOT TO SCALE

Data/Video Projection Systems

Rooms 107, 108

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed in the **Southwest corner** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted in the Southwest corner of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a **Peerless Adjustable Extension Pole** attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

Kramer VP728 Scaler Switcher to scale the following signals to SVGA and Stereo Audio:

1. Instructor's Computer with stereo audio
2. Laptop Computer with stereo audio
3. RCA Video connection to accommodate **Elmo TT-02S Document Camera**.
4. RCA Video connections with stereo RCA Audio connections to accommodate **JVC HRXVC11B DVD/VHS Combo**.

Rooms 107, 108 (continued)

4. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

The scaled signal from the **Kramer VP728 Scaler Switcher** is then output to the **Crestron MC2E Control Processor** and **Crestron C2NDB8B Keypad 8 Button** to control the **HITACHI CPX306 Data/Video Projector**. The signal is sent using **1 SVGA Cable and 1 RS232 Control Cable**.
5. Audio is sent from the **Kramer** and **Crestron Controller** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Instructor's Station and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.
6. Audio is sent from the **Kramer VP728 Scaler Switcher** and **Crestron Controller** to the **Data/Video Projector** through a **3.5 MM Stereo cable**.
7. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

- Projector:** Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.
- Screens:** Install 96" X 96" Projection Screen in **Southwest corner of the room**.

Screen to be provided by GCC. Installation will be the responsibility of the AV Contractor.
- Lighting:** Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

Rooms 107, 108 (continued)

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Provided by GCC

Power Install 6-AC Power Strip with Surge Protector inside the Instructor Station to **Strip:** accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station – Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Room 113

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed in the **Southeast corner** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted in the Southeast corner of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a Peerless Adjustable Extension Pole attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

Kramer VP728 Scaler Switcher to scale the following signals to SVGA and Stereo Audio:

1. Instructor's Computer with stereo audio
 2. Laptop Computer with stereo audio
 3. RCA Video connection with stereo RCA Audio to accommodate **Elmo TT-02S Document Camera**.
 4. RCA Video connections with stereo RCA Audio connections to accommodate **JVC HRXVC11B DVD/VHS Combo**.
4. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

The scaled signal from the **Kramer VP728 Scaler Switcher** is then output to the **Crestron MC2E Control Processor** and **Crestron C2NDB8B Keypad 8 Button** to control the **HITACHI CPX306 Data/Video Projector**. The signal is sent using **1 SVGA Cable and 1 RS232 Control Cable**.

Room 113 (continued)

5. Audio is sent from the **Kramer** and **Crestron Controller** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Instructor's Station and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.
6. Audio is sent from the **Kramer VP728 Scaler Switcher** and **Crestron Controller** to the **Data/Video Projector** through a **3.5 MM Stereo cable**.
7. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

Projector: Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.

Screens: Install 96" X 96" Projection Screen in **Southeast corner of the room**.

Screen to be provided by GCC. Installation will be the responsibility of the AV Contractor.

Lighting: Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Provided by GCC

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station - Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Room 101 Lobby

Type of Installation: Multimedia Installation

General Description:

1. **LG 42LG30DC 42" HD LCD-TV** to be hung on the **South Wall**.

The **LG 42LG30DC 42" HD LCD-TV** will be hung on the West Wall using a **Peerless Wall Mount PERST650** with a **Sonic Shock Security Alarm**.

2. **LG 42LG30DC 42" HD LCD-TV** wall mount bracket, cables, connectors, etc. required for installation.
3. A **LWCPCG1000EPC Wallplate** with Female-SVGA, Female Stereo Mini Audio Jack, Female-RCA for Video, Female-RCA's for Stereo Audio - Should be pass throughs will be mounted 16" above the floor underneath the **LG 42LG30DC 42" HD LCD-TV**. The bottom of the plate should be 16" above the floor.

The signals are sent to **LG 42LG30DC 42" HD LCD-TV** COVID Multi Conductor All-in-one Cable - Part #: C50 AACD 12 Feet.

4. An Network connection and RF connection will be installed behind the **LG 42LG30DC 42" HD LCD-TV** by **other contractors**.
5. Install a **Sonic Shock Security Alarm** to the **LG 42LG30DC 42" HD LCD-TV** for security.
6. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

TV: Install **LG 42LG30DC 42" HD LCD-TV** on **South Wall**.

AC: Single gang AC outlet on the wall directly behind the **LG 42LG30DC 42" HD LCD-TV** for power.

Provided by GCC

Data/Video Projection Systems

Room 151

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed in the **Southwest corner** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted in the Southwest corner of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a Peerless Adjustable Extension Pole attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

Kramer VP728 Scaler Switcher to scale the following signals to SVGA and Stereo Audio:

1. Instructor's Computer with stereo audio
 2. Laptop Computer with stereo audio
 3. RCA Video connection with stereo RCA Audio to accommodate **Elmo TT-02S Document Camera**.
 4. RCA Video connections with stereo RCA Audio connections to accommodate **JVC HRXVC11B DVD/VHS Combo**.
4. A **Euro Design Instructor Station** to be installed near **South wall** containing an equipment rack for:

The scaled signal from the **Kramer VP728 Scaler Switcher** is then output to the **Crestron MC2E Control Processor** and **Crestron C2NDB8B Keypad 8 Button** to control the **HITACHI CPX306 Data/Video Projector**. The signal is sent using **1 SVGA Cable** and **1 RS232 Control Cable**.

Room 151 (continued)

5. Audio is sent from the **Kramer** and **Crestron Controller** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Instructor's Station and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.
6. Audio is sent from the **Kramer VP728 Scaler Switcher** and **Crestron Controller** to the **Data/Video Projector** through a **3.5 MM Stereo cable**.
7. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

Projector: Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.

Screens: Install 96" X 96" Projection Screen in **Southwest corner of the room**.

Screen to be provided by GCC. Installation will be the responsibility of the AV Contractor.

Lighting: Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station - Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Room 157 Open Bay

Type of Installation: Multimedia Installation

General Description:

1. **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** to be hung from the **East Wall** for projection onto **Portable Projection Screen** to be temporarily setup in the **Southwest Section of the Open Bay** to allow largest possible image on the Portable Projection Screen at middle of zoom range.

The **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** will be hung from the **East Wall** inside an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** mounting bracket/shelf and hardware, cage, cables, connectors, etc. required for installation.
3. A **Locking Audio Equipment Rack** is to be installed near **Southeast corner** containing an equipment rack for:

Audio Mixer to Accommodate 2 Audio Signals From Computers, DVD/VCR,
Wireless Shure Microphone, MP3 Player and Audio CD Player
Must Be Rack Mountable

Audio Amplifier with Tuner - Rack Mountable

Locking Audio Rack Cabinet for Sound System including DVD/VCR, MP3 Player,
Audio Amplifier, Mixer and Wireless Microphone Equipment.

Rack Plate for 2 Computer Female VGA with Stereo Audio Jack and
Three Female RCA's for DVD/VCR

Rack Shelf for DVD/VCR

Rack Power AC Power Outlet for AV Cart

JVC JVCHRVC11B DVD/VCR Combo No Tuner

Shure Wireless Microphone System with Handheld and Lavalier Microphones
Must Be Rack Mountable

Audio CD Player with Multi Disk Changer – Must Be Rack Mountable

4. There will be a **Computer Cart** with **Elmo TTO2S Document Camera** to connect at the **Equipment Rack Faceplate** to send a Computer and Audio Signal to the **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** using 2 COVID Multi Conductor all-in-one Cable - Part #: C50 AACD VGA male, 3RCA, Stereo Mini to VGA male, 3RCA, Stereo Mini 100 ft.

Room 157 Open Bay (continued)

5. Audio is sent from the **Audio Amplifier** in the Equipment Rack to **the Ceiling Speakers** using shielded speaker wire to amplify audio from the equipment Rack. Speakers will be suspended from the ceiling per Construction Documents.
7. Install a **Sonic Shock Security Alarm** to the **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

Projector: Install **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** so that the projector will project the largest possible image onto the screen at middle of zoom range.

Screens: Temporarily install **Portable Projection Screen** in **Southwest Section of the Open Bay**.

Screen provided by GCC. Installation will be the responsibility of the AV Contractor.

Lighting: NA

Provided by Electrical Contractor

AC: Install AC outlet on the **East Wall** directly behind the **HIGH BRIGHT W/ LONG THROW LENS Data/Video Projector** to power Data/Video Projector and Sonic Alarm.

Provided by GCC

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector and Sonic Shock Security Alarm.

Furniture: Portable Computer Cart

Data/Video Projection Systems

Room 206

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed on the **West Wall** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted on the West Wall of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a Peerless Adjustable Extension Pole attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Euro Design Instructor Station** to be installed near **West wall** containing an equipment rack for:

Kramer VP728 Scaler Switcher to scale the following signals to SVGA and Stereo Audio:

1. Instructor's Computer with stereo audio
2. Laptop Computer with stereo audio
3. RCA Video connection with stereo RCA Audio to accommodate **Elmo TT-02S Document Camera**.
4. RCA Video connections with stereo RCA Audio connections to accommodate **JVC HRXVC11B DVD/VHS Combo**.
4. A **Euro Design Instructor Station** to be installed near **West wall** containing an equipment rack for:

The scaled signal from the **Kramer VP728 Scaler Switcher** is then output to the **Crestron MC2E Control Processor** and **Crestron C2NDB8B Keypad 8 Button** to control the **HITACHI CPX306 Data/Video Projector**. The signal is sent using **1 SVGA Cable and 1 RS232 Control Cable**.

5. Audio is sent from the **Kramer** and **Crestron Controller** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Instructor's Station and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.

Room 206 (continued)

6. Audio is sent from the **Kramer VP728 Scaler Switcher** and **Crestron Controller** to the **Data/Video Projector** through a **3.5 MM Stereo cable**.
7. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

Projector: Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.

Screens: Install 96" X 96" Projection Screen on the **West Wall** of the room.

Screen provided by GCC. Installation will be the responsibility of the AV Contractor.

Lighting: Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Provided by GCC

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station - Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Rooms 209, 210, 211

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed in the **Southeast corner** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted in the Southeast corner of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a Peerless Adjustable Extension Pole attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Euro Design Instructor Station** to be installed near **East wall** containing an equipment rack for:

Kramer VP728 Scaler Switcher to scale the following signals to SVGA and Stereo Audio:

1. Instructor's Computer with stereo audio
 2. Laptop Computer with stereo audio
 3. RCA Video connection with stereo RCA Audio to accommodate **Elmo TT-02S Document Camera**.
 4. RCA Video connections with stereo RCA Audio connections to accommodate **JVC HRXVC11B DVD/VHS Combo**.
4. A **Euro Design Instructor Station** to be installed near **East wall** containing an equipment rack for:

The scaled signal from the **Kramer VP728 Scaler Switcher** is then output to the **Crestron MC2E Control Processor** and **Crestron C2NDB8B Keypad 8 Button** to control the **HITACHI CPX306 Data/Video Projector**. The signal is sent using **1 SVGA Cable** and **1 RS232 Control Cable**.

Rooms 209, 210, 211 (continued)

5. Audio is sent from the **Kramer** and **Crestron Controller** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Instructor's Station and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.
6. Audio is sent from the **Kramer VP728 Scaler Switcher** and **Crestron Controller** to the **Data/Video Projector** through a **3.5 MM Stereo cable**.
7. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
8. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

Projector: Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.

Screens: Install 96" X 96" Projection Screen in **Southeast corner of the room**.

Provided by GCC. Installation will be the responsibility of AV Contractor

Lighting: Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Provided by GCC

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station - Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Second Floor Conference Room 252

Type of Installation: Multimedia Installation

General Description:

1. **HITACHI CPX306 Data/Video Projector** to be hung from the hard ceiling for projection onto **96" X 96" screen** to be installed on the **West Wall** to allow largest possible image (but no larger than 96" X 96") at middle of zoom range. **Install projection screen mounted on the West Wall of the room.**

The **HITACHI CPX306 Data/Video Projector** will be hung from the hard ceiling using a **ceiling mount**, a Peerless Adjustable Extension Pole attached to an **AZTEC Security Cage** with a **Sonic Shock Security Alarm**.

2. **HITACHI CPX306 Data/Video Projector** ceiling mount bracket, cage, cables, connectors, etc. required for installation.
3. A **Conference Table** (provided by GCC) will be installed in the center of the room with a Floor Box Underneath with Plates containing jacks for:
 1. Instructor's Computer with stereo audio
 2. Laptop Computer with stereo audio
 3. RCA Video connection with stereo RCA Audio to accommodate **Elmo TT-02S Document Camera** or **JVC HRXVC11B DVD/VHS Combo**.
4. The signals are sent to **Data/Video Projector** using **2 SVGA** with **Stereo Audio Jacks** and **1 RCA** for **Video** and **2 RCA's** for **Stereo Audio** from **DVD/VCR** or **Document Camera**.
5. Audio is sent from the **Data/Video Projector** to **OWIAMPSET52 Ceiling Speaker and Slave 24 W** using speaker wire to amplify audio from Floor Box and Data/Video Projector. Speakers should be located between the Data/Video projector and the projection screen for optimum performance.
6. Install a **Sonic Shock Security Alarm** to the **Data/Video Projector** for security.
7. This is a turnkey installation and must be completely operational at completion of install process.

Second Floor Conference Room 252 (continued)

Installation Notes:

Projector: Install **HITACHI CPX306 Data/Video Projector** so that the projector will project the largest possible image onto the screen (but no larger than 96" X 96") at middle of zoom range.

Screens: Install 96" X 96" Projection Screen on the **West Wall** of the room.

Screen to provided by GCC. Installation will be the responsibility of the AV Contractor

Lighting: Install split lighting so that the lights between the Data/Video Projector and the screen can be "off" while the rest of the classroom is lit.

Provided by Electrical Contractor

AC: Install AC outlet in the ceiling directly behind the **HITACHI CPX306 Data/Video Projector** to power Data/Video Projector, Speakers and Sonic Alarm.

Provided by GCC

Power Strip: Install 6-AC Power Strip with Surge Protector inside the Instructor Station to accommodate Computers and Audiovisual Equipment.

Install 6-AC Power Strip with Surge Protector inside the Aztec Security Cage to accommodate the Data/Video Projector Sonic Shock Security Alarm and Power to the Speakers.

Furniture: Euro Design Instructor's Station - Purchased as part of FF&E.

Provided by GCC

Data/Video Projection Systems

Second Floor 201 Lobby/216 Corridor

Type of Installation: Multimedia Installation

General Description:

1. **LG 42LG30DC 42” HD LCD-TV** to be hung on the **West Wall**.

The **LG 42LG30DC 42” HD LCD-TV** will be hung on the West Wall using a **Peerless Wall Mount PERST650** with a **Sonic Shock Security Alarm**.

2. **LG 42LG30DC 42” HD LCD-TV** wall mount bracket, cables, connectors, etc. required for installation.

3. A **LWCPCG1000EPC Wallplate** with Female-SVGA, Female Stereo Mini Audio Jack, Female-RCA for Video, Female-RCA's for Stereo Audio - Should be pass throughs will be mounted 16” above the floor underneath the **LG 42LG30DC 42” HD LCD-TV**. The bottom of the plate should be 16” above the floor.

The signals are sent to **LG 42LG30DC 42” HD LCD-TV** COVID Multi Conductor all-in-one Cable - Part #: C50 AACD 12 Feet.

4. An Network connection and RF connection will be installed behind the **LG 42LG30DC 42” HD LCD-TV** by **other contractors**.
5. Install a **Sonic Shock Security Alarm** to the **LG 42LG30DC 42” HD LCD-TV** for security.
6. This is a turnkey installation and must be completely operational at completion of install process.

Installation Notes:

TV: Install **LG 42LG30DC 42” HD LCD-TV** on **West Wall**.

AC: Install single gang AC outlet on the wall directly behind the **LG 42LG30DC 42” HD LCD-TV** for power.

Provided by Electrical Contractor

GCC Public Safety Sciences Building Media Equipment List

Room Equipment	Quantity Per Room	Price Per Item	Total Qty.	Extension
First Floor Dividable Classrooms A 108, B 107, C 113 - Per Drawing 100%CD				
*WE ARE PULLING WIRE FOR TWO DATA/VIDEO PROJECTORS BUT INSTALLING ONLY ONE AT THIS TIME				
Each of Three (3) Rooms Will Have The Following Equipment				
In or At Ceiling:				
Hitachi CPX-306 Data/Video Projector	1		3	
Aztec PROCAGLK109 Mount Security Cage	1		3	
Aztec Sonic Shock Security Alarm	1		3	
Peerless Adjustable Ceiling Extension Pole Jumbo	1		3	
Ceiling Mounting Plate	1		3	
OWI OWIAMP1S52 Self Amp In-Ceiling Speaker Package Set/Pair	1		3	
PROVIDED BY GCC - Da-lite Screen Wall/Ceiling Model B 96" X 96" MW SQ	1	Provided by GCC	3	N/A
PROVIDED BY GCC - Da-lite DAL40932BRA 6" Wall Bracket, White	1	Provided by GCC	3	N/A
At or In Instructor Station:				
Mobile Euro Design Instructor Station will be ordered by Sandi Reyes as Part of Furniture: Euro Design Workstation	1	Provided by GCC	3	N/A
Computer Workstation provided by GCC OIT	1	Provided by GCC	3	N/A
Viewsonic VA1716W LCD Monitor 17"	1		3	
Elmo TT02S Visual Presenter W/Updated Teacher Tools	1		3	
JVC JVCHRXVC11B DVD/VCR Combo No Tuner	1		3	
Mid Atlantic MIDRSH4A3SVD380 Custom Rackshelf 3SP ANOD 11.5 For JVC DVD/VCR Combo	1		3	
Mid Atlantic BRK12 - 12 Space Rack, 18" Deep	1		3	
Mid Atlantic RKRR12 - 12 Space Rack Rail Kit RK/BRK	1		3	
Crestron MC2E Control Processor	1		3	
Kramer KRAVP728 8 Input Switcher/Scaler	1		3	
Crestron CEIC2NDB8B 8 Button Keypad Black with Engraved Buttons - see attachments	1		3	
White Plastic Cover Plate for Crestron CEI2NDB8B	1		3	

Classrooms A108, B107 & C113 (Continued)				
Cables Pulled From Projector to Floor Box: GCC To Pull These Cables				
COVID CVD3811100AUD - 15 PIN VGA & 3.5 MM Male To 15 PIN VGA & 3.5 MM Male 75 Foot	2	Provided by GCC	6	N/A
Comprehensive Plenum DB9 pin Plug to Plug (wired pin to pin) RS-232 Cable 75 Foot	2	Provided by GCC	6	N/A
In Wiremold Floor Box Model: GCC To Install Wiremold Plates and AV Floor Box Plate				
Wiremold Plates		Provided by GCC		N/A
Floor Box Plates With Pass Throughs to Accommodate 2 SVGA with Stereo Audio and 2 RS-232 Cables		Provided by GCC		N/A
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation Including But Not Limited to Speaker wire, 5 Gang Blank Wall Plate, Jumper Cables Between Floor Box/ Wiremold Poke through Device and Instructor Station, Power Strip, Unistrut and Mounting Hardware	1		3	
Installation: This must be a turn-key installation of complete system including Crestron Controller programming	1		3	
First Floor Lobby 101				
Installed on Southwall:				
Peerless Wall Mount PERST650	1		1	
LG 42LG30DC 42" HD LCD-TV/Monitor LCD Receiver	1		1	
LWC LWPCPG1000EPC Wallplate with Female-SVGA, Female Stereo Mini Audio Jack, Female-RCA for Video, Female-RCA's for Stereo Audio - Should be pass throughs	1		1	
Cables: COVID Multi Conductor all-in-one cable - Part # C50 AACD 12 feet	1		1	
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation	1		1	
Installation: This must be a turn-key installation of a complete system	1		1	
First Floor Fire Science Lab 151 - Per Drawing 100%CD				
*WE ARE PULLING WIRE FOR TWO DATA/VIDEO PROJECTORS BUT INSTALLING ONLY ONE AT THIS TIME				
In or At Ceiling:				
Hitachi CPX-306 Data/Video Projector	1		1	
Aztec PROCAGLK109 Mount Security Cage	1		1	
Aztec Sonic Shock Security Alarm	1		1	

Fire Science Lab 151 (continued)				
Peerless Adjustable Ceiling Extension Pole Jumbo	1		1	
Ceiling Mounting Plate	1		1	
OWI OWIAMP1S52 Self Amp In-Ceiling Speaker Package Set	1		1	
PROVIDED BY GCC - Da-lite Screen Wall/Ceiling Model B 96" X 96" MW SQ	1	Provided by GCC	1	N/A
PROVIDED BY GCC - Da-lite DAL40932BRA 6" Wall Bracket, White	1	Provided by GCC	1	N/A
At or In Instructor Station:				
Built-In Instructor Station Will Be Built-In as Part of Furniture	1	Provided by GCC	1	N/A
Computer Workstation provided by GCC OIT	1	Provided by GCC	1	N/A
Viewsonic VA1716W LCD Monitor 17"	1		1	
Elmo TT02S Visual Presenter W/Updated Teacher Tools	1		1	
JVC JVCHRVC11B DVD/VCR Combo No Tuner	1		1	
Mid Atlantic MIDRSH4A3SVD380 Custom Rackshelf 3SP ANOD 11.5 For JVC DVD/VCR Combo	1		1	
Mid Atlantic BRK12 - 12 Space Rack, 18" Deep	1		1	
Mid Atlantic RKRR12 - 12 Space Rack Rail Kit RK/BRK	1		1	
Crestron MC2E Control Processor	1		1	
Kramer KRAVP728 8 Input Switcher/Scaler	1		1	
Crestron CEIC2NDB8B 8 Button Keypad Black with Engraved Buttons - see attachments	1		1	
White Plastic Cover Plate for Crestron CEI2NDB8B	1		1	
Cables Pulled From Projector to Floor Box: GCC Will Pull Cables				
COVID CVD3811 AUD - 15 PIN & 3.5 MM Male To 15 PIN & 3.5 MM Male 75 Foot	2	Provided by GCC	2	N/A
Comprehensive Plenum DB9 pin Plug to Plug (wired pin to pin) RS-232 Cable 75 Foot	2	Provided by GCC	2	N/A
In Wiremold Floor Box Model: GCC Will Install Wiremold Plates and Floor Box Pass Throughs				
Wiremold Plates		Provided by GCC		N/A
Floor Box Plates With Pass Throughs to Accommodate 2 SVGA with Stereo Audio and 2 RS-232 Cables		Provided by GCC		N/A
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation Including But Not Limited to Speaker wire, 5 Gang Blank Wall Plate, Jumper Cables Between Floor Box/ Wiremold Poke through Device and Instructor Station, Power Strip, Unistrut and Mounting Hardware	1		1	
Installation: This Must Be A Turn Key Installation of Complete System to include Crestron Controller Programming	1		1	

First Floor 157 Open Bay - Per Drawing 100% CD				
Wall Shelf/Mount for <u>High Bright</u> 5000 Lumens Data/Video Projector with Long Throw Lens	1		1	
<u>High Bright</u> Data/Video Projector with Long Throw Lens	1		1	
Extra Bulb for High Bright Data/Video Projector	1		1	
Aztec Sonic Shock Security Alarm	1		1	
Speakers Suspended From Ceiling Per Drawings	6		6	
Audio Mixer to Accommodate Audio From Computer, DVD/VCR, Wireless Shure Microphone, MP3 Player and Audio CD Player - Rack Mountable	1		1	
Audio Amplifier with Tuner - Rack Mountable	1		1	
Locking Audio Rack Cabinet for Sound System including DVD/VCR, MP3 Player, Audio Amplifier, Mixer and Wireless Microphone Equipment.	1		1	
Rack Plate for Computer 2 Female VGA with 2 Stereo Audio Jack and Three Female RCA's for DVD/VCR/Doc Camera	1		1	
Rack Shelf for DVD/VCR	1		1	
Rack Power AC Power Outlet for AV Cart	1		1	
JVC JVCHRVC11B DVD/VCR Combo No Tuner	1		1	
Portable Projection Screen	1		1	
Computer Workstation provided by GCC OIT	1	Provided by GCC	1	N/A
Computer Cart	1	Provided by GCC	1	N/A
Shure Wireless Microphone System with Handheld and Lavalier Microphones - Rack Mountable	1		1	
Audio CD Player with Multi Disk Changer - Rack Mountable	1		1	
Elmo TT02S Visual Presenter W/Updated Teacher Tools	1		1	
Cables Pulled From Projector to Equipment Rack: GCC Will Pull These Cables				
COVID Multi Conductor all-in-one Cable - Part #: C50 AACD Plenum VGA male, 3RCA, Stereo Mini to VGA male, 3RCA, Stereo Mini 100 ft	2	Provided by GCC	2	N/A
Speaker Cable Runs	6	Provided by GCC	6	N/A
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation	1		1	
Installation: This Must Be A Turn Key Installation of Complete System	1		1	

Second Floor Classrooms 206, 209, 210, 211 - Per Drawing 100%CD				
*WE ARE PULLING WIRE FOR TWO DATA/VIDEO PROJECTORS BUT INSTALLING ONLY ONE AT THIS TIME				
Each of Four (4) Rooms Will Have The Following Equipment:				
In or At Ceiling:				
Hitachi CPX-306 Data/Video Projector	1		4	
Aztec PROCAGLK109 Mount Security Cage	1		4	
Aztec Sonic Shock Security Alarm	1		4	
Peerless PERADJ0305 Adjustable Ceiling Extension 3-5 Feet Jumbo	1		4	
Ceiling Mounting Plate	1		4	
OWI OWIAMP1S52 Self Amp In-Ceiling Speaker Package Set	1		4	
PROVIDED BY GCC - Da-lite Screen Wall/Ceiling Model B 96" X 96" MW SQ	1	Provided by GCC	4	N/A
PROVIDED BY GCC - Da-lite DAL40932BRA 6" Wall Bracket, White	1	Provided by GCC	4	N/A
At or In Instructor Station:				
Permanent Euro Design Instructor Station will be ordered by Sandi Reyes as Part of Furniture: Euro Design Workstation	1	Provided by GCC	4	N/A
Computer Workstation provided by GCC OIT	1	Provided by GCC	4	N/A
Viewsonic VA1716W LCD Monitor 17"	1		4	
Elmo TT02S Visual Presenter W/Updated Teacher Tools	1		4	
JVC JVCHRXVC11B DVD/VCR Combo No Tuner	1		4	
Mid Atlantic MIDRSH4A3SVD380 Custom Rackshelf 3SP ANOD 11.5 For JVC DVD/VCR Combo	1		4	
Mid Atlantic BRK12 - 12 Space Rack, 18" Deep	1		4	
Mid Atlantic RKRR12 - 12 Space Rack Rail Kit RK/BRK	1		4	
Crestron MC2E Control Processor	1		4	
Kramer KRAVP728 8 Input Switcher/Scaler	1		4	
Crestron CEIC2NDB8B 8 Button Keypad Black with Engraved Buttons - see attachments	1		4	
White Plastic Cover Plate for Crestron CEI2NDB8B	1		4	
Cables Pulled From Projector to Wiremold Poke Through Devices - GCC To Pull Cables				

2nd Floor Classrooms 206,209,210,211 (continued)				
COVID CVD3811 AUD - 15 PIN & 3.5 MM Male To 15 PIN & 3.5 MM Male	2	Provided by GCC	8	N/A
Comprehensive Plenum DB9 pin Plug to Plug (wired pin to pin) RS-232 Cable 100ft	2	Provided by GCC	8	N/A
In Wiremold Poke Through Device Model - GCC To Install Wiremold Plates and Extron Inserts				
Wiremold Plates		Provided by GCC		N/A
Extron Inserts		Provided by GCC		N/A
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation Including But Not Limited to Speaker wire, 5 Gang Blank Wall Plate, Jumper Cables Between Floor Box/ Wiremold Poke through Device and Instructor Station, Power Strip, Unistrut and Mounting Hardware	1		4	
Installation: This Must Be A Turn Key Installation of Complete System to include Controller Programming	1		4	
2nd Floor Conference Room 252 - Per Drawing 100%CD 11/25/08				
In or At Ceiling:				
Hitachi CPX-306 Data/Video Projector	1		1	
Aztec PROCAGLK109 Mount Security Cage	1		1	
Aztec Sonic Shock Security Alarm	1		1	
Peerless Adjustable Ceiling Extension Pole Jumbo	1		1	
Ceiling Mounting Plate	1		1	
OWI OWIAMP1S52 Self Amp In-Ceiling Speaker Package Set/Pair	1		1	
PROVIDED BY GCC - Da-lite Screen Wall/Ceiling Model B 96" X 96" MW SQ	1	Provided by GCC	1	N/A
PROVIDED BY GCC - Da-lite DAL40932BRA 6" Wall Bracket, White	1	Provided by GCC	1	N/A
Conference Table will be ordered by GCC as Part of Furniture: Euro Design Workstation	1	Provided by GCC	1	N/A
Laptop provided by GCC OIT	1	Provided by GCC	1	N/A
Elmo TT02S Visual Presenter W/Updated Teacher Tools	1		1	
JVC JVCHRVC11B DVD/VCR Combo No Tuner	1		1	
Cart for JVC DVD/VCR with Power	1		1	

2nd Floor Conference Room 252 (continued)				
Cables Pulled From Projector to Floor Box: GCC To Pull These Cables				
Multi Conductor all-in-one Cable - Part #: C50 AACD 75 Foot	1	Provided by GCC	1	N/A
15 PIN & 3.5 MM Male To 15 PIN & 3.5 MM Male Part # CVD 3811 75 foot	1	Provided by GCC	1	N/A
In Wiremold Floor Box Model: GCC To Install Wiremold Plates and Extron Inserts				
Wiremold Plates		Provided by GCC		N/A
Floor Box Plates With Pass Throughs to Accommodate 2 SVGA with Stereo Audio and 3 RCA's for Video		Provided by GCC		N/A
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation Including But Not Limited to Speaker wire, 5 Gang Blank Wall Plate, Jumper Cables Between Floor Box/ Wiremold Poke through Device and Instructor Station, Power Strip, Unistrut and Mounting Hardware	1		1	
Installation: This Must Be A Turn Key Installation of Complete System to include Controller Programming	1		1	
Pop-up Panel on Conference Room Table Near The Ends With Female SVGA, Female Stereo Audio Mini, Female RCA For Video and 2 Female RCA's For Audio, AC Outlet, Network Port to support Laptop Computer and External Video Connections - To be Installed In Conference Table	1	Provided by GCC	1	
Second Floor Lobby 201/216 Corridor				
Installed on Westwall:				
Peerless Wall Mount PERST650	1		1	
LG 42LG30DC 42" HD LCD-TV/Monitor LCD Receiver	1		1	
LWC LWPCPG1000EPC Wallplate with Female-SVGA, Female Stereo Mini Audio Jack, Female-RCA for Video, Female-RCA's for Stereo Audio	1		1	
Cables: COVID Multi Conductor all-in-one Cable - Part #: C50 AACD 12 Feet	1		1	
Miscellaneous Product, Connectors, Cables, etc. for Turn Key Installation	1		1	
Installation: This must be a turn-key installation of complete system	1		1	

EXTRA PROJECT EQUIPMENT				
Hitachi CPX-306 Data/Video Projector	2		2	
JVC JVCHRVC11B DVD/VCR Combo No Tuner	2		2	
Mobile Media Cart (Contractor to specify)	2		2	
Computer provided by GCC OIT	2	Provided by GCC	2	N/A
Cables:				
COVID Multi Conductor all-in-one Cable - Part #: C50 AACD 12 Feet	2	Provided by GCC	2	N/A
COVID Multi Conductor all-in-one Cable - Part #: C50 AACD VGA male, 3RCA, Stereo Mini to VGA male, 3RCA, Stereo Mini 100 ft	2	Provided by GCC	2	N/A
Cables Pulled From Projector Location to Wall Plate Location In 207 & 208- GCC To Pull Cables				
COVID CVD3811 AUD - 15 PIN & 3.5 MM Male To 15 PIN & 3.5 MM Male 75 Foot	2	Provided by GCC	2	N/A
Comprehensive Plenum DB9 pin Plug to Plug (wired pin to pin) RS-232 Cable 75 Foot	2	Provided by GCC	2	N/A
Wallplate for 207 & 208 - GCC To Install				
Wallplate to accommodate 1 SVGA with Stereo Audio, 1 RS232 and 3 RCA's	2	Provided by GCC	2	N/A
			EQUIPMENT TOTAL	
			INSTALLATION TOTAL	
			TOTAL	

IFB #2949-9
PRICE TOTALS SHEET

Having carefully examined the Invitation for Bid IFB #2949-9 and accompanying documents, together with any amendments to such IFB, and having attended the mandatory Pre-Bid meeting, the undersigned proposes to provide all labor, materials, parts, supervision, insurance, Warranty, Bonds, and other facilities as necessary to satisfy all contract requirements and specifications, at the price shown below.

The Total Price bid shall include all parts and materials necessary for a complete, fully-functional TURNKEY system.

The completed GCC Public Safety Sciences Building Media Equipment List, detailing equipment and installation pricing is REQUIRED to be submitted. Bids not including this list will be deemed non-responsive.

TOTAL EQUIPMENT PRICE \$ _____
from GCC PSS Building Media Equipment List

TOTAL NON - EQUIPMENT PRICE \$ _____
To include Installation (from GCC PSS Building Media Equipment
List), Warranty, Delivery, Programming, Documentation, Training)

TOTAL PRICE (before tax) \$ _____

APPLICABLE TAXES \$ _____

GRAND TOTAL \$ _____

COMPANY: _____ PHONE: _____

ADDRESS: _____ FAX: _____

CITY, STATE, ZIP: _____

SIGNATURE: _____ DATE: _____

NAME(Print): _____ TITLE: _____

**ATTACHMENT A
SIGNATURE PAGE**

This page must be completed and signed and included with your Bid

SIGNATURE _____

(PRINTED NAME) _____

TITLE _____

COMPANY _____

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE _____

FAX NUMBER _____

E-MAIL _____

CONTRACTORS LICENSE NO(S):

TYPE	NUMBER
_____	_____
_____	_____

Is your firm a:

Corporation* Partnership Individual Joint Venture

* If a corporation, answer the following:

(a) Where incorporated:

(b) Date incorporated:

Have your Articles ever been suspended or revoked? Yes No

If yes, when, for what reason, and when were they reinstated:

Has your firm or its parent or subsidiaries ever been debarred or suspended from providing any goods or services to the Federal Government or other public entities? Yes No

If yes, when, for what reason, and when were they reinstated:

ATTACHMENT B
BID BOND
(Sample)

KNOW ALL MEN BY THESE PRESENTS, that we, _____
(Bidder's Name)

_____ of _____
(Street Address) (City, State, Zip)

hereinafter called the Principal, and _____
(Surety's Name)

a corporation organized and existing under the Laws of the State of _____ and authorized to transact business in the State of _____, as Surety, hereinafter called Surety, are held and firmly bound unto the hereinafter called Obligee, in the Penal sum of ten percent (10%) of the amount (Owner) bid, good and lawful money of the United States of America, for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The Condition of this Obligation is such, that, WHEREAS the Principal had submitted a proposal to the Obligee on a contract for the construction of:

(Contract, Name and Number)

NOW THEREFORE, If the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the Bidding or Contract Documents with good and sufficient surety for the faithful performance of such construction for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our signatures and seal this

_____ day of _____, 20____, all pursuant to due authorization.

Principal: _____ Seal

By: _____

Surety: _____ Seal

Bond No. _____

By: _____

By _____
Attorney-in-fact in accordance with
the attached Power of Attorney

STATE OF _____

COUNTY OF _____

I, _____, a Notary Public in and for the State and County aforesaid, do hereby certify that and _____, whose names are signed to the foregoing bond, this day personally appeared before me in my State and County aforesaid and acknowledged the same.

Given under my hand seal this _____ day of _____, 20____.

Notary Public (Seal)

My commission expires: _____

ATTACHMENT C
PAYMENT BOND
(Sample)

STATUTORY PAYMENT BOND PURSUANT TO A.R.S. 41-2574
(Penalty of this bond must be 100% of the Contract Amount.)

KNOWN ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called Principal), as Principal, and _____, a corporation organized and existing under the laws of the State of _____, with its principal office in the City of _____, (hereinafter called the Surety), as Surety, are held and firmly bound unto _____ (hereinafter called the Obligee, in the amount of _____ Dollars (\$ _____) for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the _____ day of _____, 20____, to _____ which contract is hereby referred to and made a part hereof as fully and to the same extent as if copies at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if said Principal shall promptly pay all monies due to all persons, supply labor or materials to him or his subcontractors in the prosecution of the work provided for in and said contract, then this obligation shall be void, otherwise to remain in full force and effect;

PROVIDE, HOWEVER, that this bond having been required of the said Principal in order to comply with the provisions of A.R.S. 41-2574, all rights and remedies on this bond shall insure solely to such persons and shall be determined in accordance with the provisions, conditions, and limitations of said Title, Chapter, and Article, to the same extent as if they were copied at length herein.

The prevailing party in a suit on this bond shall recover as a part of his judgment such reasonable attorneys' fees as may be fixed by a judge of the Court.

Witness our hands this _____ day of _____, 20_____.

Principal	Seal
By:	
Surety	Seal
By:	
Agency of Record	
Agency Address	

ATTACHMENT D
PERFORMANCE BOND
(Sample)

STATUTORY PERFORMANCE BOND PURSUANT A.R.S. 41-2574
(Penalty of this bond must be 100% of the Contract Amount.)

KNOWN ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called Principal), as Principal, and _____, a corporation organized and existing under the laws of the State of _____, with its principal office in the City of _____ (hereinafter called the Surety), as Surety, are held and firmly bound unto _____ (hereinafter called the Obligee) in the amount of _____ Dollars (_____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the ___ day of _____, 20____, to _____ which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that is said Principal shall faithfully perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term of said contract and any extension thereof, with or without notice of the Surety, and during the life of any guaranty required under the contract, and shall also perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of any and all duly authorized modifications of said contract that may hereby be made notice, of which modifications to the Surety being hereby waived; than the above obligation shall be void, otherwise to remain in full force and effect.

PROVIDE, HOWEVER, that this bond is executed pursuant to the provisions of A.R.S. 41-2574, and all liabilities on this bond shall be determined in accordance with the provisions of said Title, Chapter, and Article, to the extent as if it were copied at length herein.

The prevailing party in suit on this bond shall recover as a part of his judgment such reasonable attorneys' fees as may be fixed by a judge of the Court. Witness our hands this _____ day of _____, 20____.

Principal Seal

By:

Surety: Seal

Bond No.

By:

Agency of Record

Agency Address