



CONFORMED SET

CONTRACT DOCUMENTS

FOR

D-4029 – Liberal Arts AV Upgrade

AT

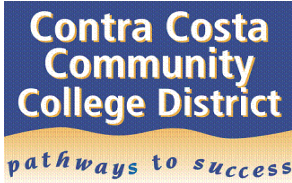
Diablo Valley College
321 Golf Club Road, Pleasant Hill, CA 94523

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Consists of:

VOLUME 0

March 16, 2022



Section 00100
NOTICE INVITING BIDS
D-4029– Liberal Arts AV Upgrade
Diablo Valley College
321 Golf Club Road
Pleasant Hill, CA 94523

NOTICE IS HEREBY GIVEN that the Governing Board of the Contra Costa Community College District (District), Martinez, California, will receive sealed bid proposals for the furnishing of all labor, materials, equipment, transportation and services for the construction of the project entitled **D-4029 – Liberal Arts AV Upgrade**.

Construction Cost Estimate (Range): **\$150,000 to \$300,000**
California License Required: **C-7, C-10 – Low Voltage Systems, Electrical License**

In general, the work consists of AV upgrades throughout the Liberal Arts building.

The District does not provide hardcopies of bid documents or reimburse cost of printing, delivery, or any expenses related to the bidding process.

For information directly from the District, you may also log on to the District Website: <http://www.4cd.edu/webapps/PurchasingViewBids/default.aspx>. Project documents available include, but are not limited to, plans, specifications, addenda, bidders lists, bid results, etc., and can be viewed on this District webpage. Builders Exchanges around Northern California are also notified.

All questions related to this project must be submitted, via email, to:

Ben M. Cayabyab, Contracts Manager
Contra Costa Community College District
500 Court St., Martinez, CA 94553
Email: bcayabyab@4cd.edu

Each bid shall be made on the bid form, which is included in the Bid Documents and when submitted, shall be accompanied by a Bid Bond or Certified Cashier’s Check in the amount of 10% of bid (made payable to the Contra Costa Community College District). The District reserves the right to forfeit Bid Bond submitted for failure of the successful bidder to secure Payment & Performance Bonds.

IMPORTANT INFORMATION:

Pre-Bid Meeting and Job Walk, Date/Time:April 21 2022 at 9:00 AM (Mandatory)
Pre-Bid Meeting Location: Diablo Valley College - 321 Golf Club Road, Martinez, CA 94553. Parking Lot #7.

Last Date / Time for Bidder’s

Requests for Information:April 25, 2022 (prior to 5:00pm)
Bids Due No Later Than, Date / Time:.....April 29, 2022 (prior to 2:00PM)
Bids Must Be Received at: Contra Costa Community College District (Lobby)
500 Court St, Martinez, CA 94553
Attn: Ben M. Cayabyab, Contracts Manager

Bids must be received by the District prior to the time and by the date noted above. Bids that are not

received by the District prior to the time and by the date noted above will not be accepted, and will be returned to the Bidder unopened.

The successful bidder will be required to furnish a labor and material bond in an amount equal to one hundred percent (100%) of the contract price and a faithful performance bond in an amount equal to one hundred percent (100%) of the contract price, said bonds to be secured from a surety company acceptable to the Contra Costa Community College District and authorized to execute such surety in the State of California.

This project is a public works project and is subject to prevailing wage rate laws. A copy of the prevailing rates of wages is on file with the Contracts & Purchasing Office of the Contra Costa Community College District. Said rates of wages shall be included in the contract for the work by this reference.

Attention is directed to Section 4100 through 4113 of the Public Contract Code concerning Subcontractors, with emphasis on Section 4104, known as the "Subletting and Subcontracting Fair Practices Act, effective July 1, 2014.

Attention is directed to Labor Code Section 1725.5 regarding Department of Industrial Relations (DIR) contractor registration process including registration criteria and implementation of DIR registration requirements. Labor Code Section 1771.7 establishes contractor's obligation to submit Certified Pay Roll (CPR) to the Department of Labor and Standards Enforcement (DLSE) and public works monitoring and enforcement. Labor Code Section 1773.3 requires the District to submit a PWC-100 to DIR for all public works contract awarded effective January 1, 2015.

Attention is directed to Section 00600, Construction Agreement, Article 5, and Section 00700 GENERAL CONDITIONS, Article 8, paragraphs 8.4.1 and 8.4.2, regarding liquidated damages. Liquidated Damages shall be set for **\$500 Dollars** for each calendar day the work is delayed beyond the Contract Substantial Completion date. The Governing Board of the Contra Costa Community College District reserves the right to reject any and all bids and/or waive any informality or irregularity in any bid received. No bidder may withdraw their Bid for a period of ninety (90) days after the date set for opening thereof.

END OF SECTION 00100

SECTION 00200
INSTRUCTIONS TO BIDDERS

1.1 ISSUING OF DOCUMENTS

- A. Bidding Documents may be examined at the Contra Costa Community College District, 500 Court Street, Martinez, CA 94553. By Appointment: Kathleen Halaszynski, Facilities Department, phone (925) 229-6846.

1.2 QUALIFICATIONS OF BIDDERS

- A. Bidders may be required to furnish additional evidence satisfactory to the District that they have sufficient means and sufficient experience in the class of work called for to enable them to complete the Contract in a satisfactory manner. The District has pre-qualified General Contractors for this project, and the list of pre-qualified General Contractors can be found on the District's web site: <http://www.4cd.edu/webapps/PurchasingViewBids/default.aspx>
- B. Bidders shall be Contractors properly licensed in accordance with the laws of the State of California.
- C. The successful Bidder shall furnish satisfactory Certificates of Insurance coverage as specified in the Contract Documents.

1.3 RECEIPT AND OPENING OF BIDS

- A. Contra Costa Community College District hereinafter referred to as the District, will receive Bids at the same time and place specified in the Notice inviting Bids.
- B. Complete the Bid Form included in the Project Manual.
- C. The envelopes containing the Bids shall be sealed, addressed to the District, and designated as **"D-4029 – Liberal Arts AV Upgrades"**. The envelope shall contain the name and address of the Bidder.
- D. Bids that are mailed shall have the previously described envelope placed inside an envelope addressed to: CONTRA COSTA COMMUNITY COLLEGE DISTRICT, 500 Court Street, Martinez, CA 94553 ATTENTION: Ben Cayabyab, Contracts Manager. Bids should be mailed in time to be received prior to the time set forth in the Advertisement for Bids.
- E. Bids which are conditional (or which make alterations, omissions, or reservations to the terms of the Bidding Documents) may be rejected as non-responsive.
- F. All monetary figures are required, both in writing and in numerals. In event of conflict between written quotations and numerical quotations, written quotations shall govern.
- G. Type or print all bid data legibly in ink except signatures which shall be in script. Mistakes may be crossed out and corrections inserted, if each is initialed in ink by signer of Bid.
- H. Bidder's business address and signature shall be on the Bid. A Bid by a partnership shall furnish the full names of partners and be signed in the partnership name by one member of the partnership, or by authorized representative, followed by the signature and designation of the person signing. Bids by corporations, with corporate seal affixed, shall be signed with the legal

name of the corporation followed by the name of the state of incorporation and by the signature and designation of the person authorized to bind it to the matter. The name of each person signing shall also be typed or printed below the respective signatures. When required by the District, satisfactory evidence of authority of the office signing in behalf of the corporation shall be furnished.

- I. No Bids will be received after the date and time set forth in the Notice Inviting Bids.

1.4 BID SECURITY

- A. Submit with the Bid a Bid Security in the amount of 10 percent (10%) of the Bid.
- B. The District reserves the right to forfeit the Bid Bond submitted for failure of the successful bidder to secure Payment & Performance Bonds.

1.5 SURETY BONDS

- A. The successful Bidder shall furnish a Labor and Material Payment Bond in the amount equal to one hundred percent (100%) of the Contract Price and a faithful Performance Bond in the amount equal to 100 percent (100%) of the Contract Price as security for the successful performance of the work and payment of persons performing labor and furnishing materials. The Bonds shall be executed by a surety company or companies acceptable to the District and authorized to execute such in the State in which the Project is located and shall be furnished within 10 days after Notice of Acceptance of said Bid. Surety shall be made in favor of the District and shall cover the guarantee periods as well as the construction period.

1.6 WITHDRAWAL OR REVISIONS OF BID

- A. This Bid may be withdrawn or revised prior to the scheduled time for receipt. Bids not withdrawn prior to the scheduled time for receipt may not be withdrawn for a period of 90 days.

1.7 BID PROTESTS

- A. Inquiries or questions based on alleged patent ambiguity of the plans, specifications or estimate must be communicated as a bidder inquiry prior to bid opening. Any such inquiries or questions, submitted after bid opening, will not be treated as a bid protest.
- B. Bidder may file a protest with the District against the Bid of other Bidder or Bidders ("Bid Protest") subject to the provisions of this Article. The procedures and time limits set forth in this Article are mandatory and are a Bidder's sole and exclusive remedy in protesting other Bidders' bids. Failure to comply with these procedures shall constitute a waiver of any right to pursue a Bid Protest, or to contest the District's award of the contract for the work that is the subject of the Bid, in any legal proceeding before any authority with jurisdiction.
- C. Bid Protests and Responses shall be governed by the following time limitations:
 - 1. Bidder must deliver any Bid Protest to the District in writing before 2:00PM, **three (3) working days** after the date of bid opening. The District will reject any Bid Protest not received by the District by this deadline. Bidder must concurrently deliver a copy of its Bid Protest to all Bidders against whose Bids the Bid Protest is directed. The Bidder must include with its Bid Protest written proof to the District's satisfaction that Bidder

has delivered a copy of its Bid Protest to the other Bidder whose bid is the subject of the Bid Protest.

2. A Bidder whose Bid is the subject of a Bid Protest must deliver its written response, if any, (“Response”) to the District, before 2:00PM, **eight (8) working days** after the date of bid opening. The District will reject any Response not received by the District by this deadline.
- D. Delivery of Bid Protest or Response:
1. Bidder may deliver a Bid Protest to the District by personal delivery or electronic transmission such as by facsimile. Bidder is solely responsible for ensuring that the District receives any Bid Protest or Response by the deadlines set forth herein.
 2. The District will not consider Bid Protests or Responses by telephone conversation or any other non-written communication.
 3. Bidder shall submit any Bid Protest or Response to: David Wetmore, Director of Purchasing and Contract Services, Contra Costa Community College District, 500 Court Street, Martinez, CA 94553, Facsimile: 925-370-7512.
- E. Content of Bid Protest:
1. A Bid Protest must state the basis for the protest and provide supporting evidence.
 2. A Bid Protest must refer to the specific portion of the Bid that forms the basis of the protest.
 3. A Bid Protest must include the name, address, and telephone number of the person representing the protesting Bidder.
 4. A Bid Protest must be clearly identified as a Bid Protest.

1.8 AWARD AND REJECTION OF BIDS

- A. In awarding or rejecting Bids, the District reserves the following rights:
1. Identification of successful Bidder will not be determined at time of opening Bids.
 2. To obtain opinion of counsel on legality and sufficiency of bids.
 3. To reject all Bids, to re-bid, or waive irregularities or informalities in a Bid, and to accept or reject alternates.
 4. Request proof that the successful Bidder can provide performance and payment bonds as required.

1.9 EXAMINE DOCUMENTS AND VISIT SITE

- A. Before submitting a Bid, the Bidder shall examine the Bidding Documents, visit the site of the work, attend the required site visit arranged by the District and obtain Certification of Attendance signed by the District, ascertain existing conditions and limitations, including those of labor, and include in the Bid a sum to cover the cost of all items described in the Contract Documents.

- B. No consideration will be granted for alleged misunderstanding of the materials to be furnished or work to be done. The tender of a Bid carries with it the agreement to terms and conditions referred to in the Contract Documents.

1.10 DISCREPANCIES, AMBIGUITIES, OR CONFLICTS

- A. If the Bidder is in doubt as to the true meaning of any part of the Contract Documents; finds discrepancies, errors or omissions therein; or finds variances in any of the Contract Documents with applicable rules, regulations, ordinances and/or laws, a written request for an interpretation or correction thereof must be submitted to the District's Contract Manager. Bidders are solely responsible for submitting to District's Contract Manager such request. Ambiguities or inconsistencies arising as a result of separation of sections or portions of the drawings or specifications by or for subcontractor bidding shall not relieve the Contractor for providing the complete Work without increase to or adjustment in the Contract Price or the Time for performance. Interpretations or corrections of the Contract Documents will be by written addendum issued by the Architect. No person is authorized to render an oral interpretation or correction of any portion of the Contract Documents to any Bidder, and no Bidder is authorized to rely on any such oral interpretation or correction. Failure to request interpretation or clarification of any portion of the Contract Documents pursuant to the foregoing is a waiver of any discrepancy, defect or conflict therein.

1.11 ADDENDA

- A. Cost for work included in any Addenda issued during the time of bidding shall be included in the Bid, and will become a part of the Contract. List Addenda received as indicated on the Bid Form.

1.12 FORM OF AGREEMENT

- A. The form of agreement to be used for the Contract is provided by the District and is included in the Project Manual.

1.13 AWARD OF CONTRACT

- A. The District will be allowed a period of ninety (90) days after Bid Opening Date for evaluating the Bids.
- B. Bidders of record will be notified of the results of the District's evaluation of bids and Award of Contract, if any.
- C. The Contractor shall begin work within ten (10) calendar days of receipt of Notice to Proceed.

END OF SECTION 00200

**SECTION 00300
BID PROPOSAL FORM**

PROJECT NUMBER / NAME: D-4029 – Liberal Arts AV Upgrade

CONTRACTOR NAME: _____

CAMPUS / LOCATION: Diablo Valley College/ Pleasant Hill

DISTRICT: CONTRA COSTA COMMUNITY COLLEGE DISTRICT
500 Court St., Martinez, CA 94553

Herein Referred to as "District"

1. INTRODUCTION

- A. The Bidder proposes to perform the Work for the Contract Price and within the proposed Contract Time, based upon an examination of the site and the Bid and Contract Documents.
- B. The Bidder certifies this Bid is submitted in good faith.
- C. The Bidder agrees that the Contract Price and other proposed terms will be considered in evaluating Bids and may be negotiated and adjusted before awarding of Contract.
- D. A fully executed Non-Collusion Affidavit signed by an authorized officer of the Bidder submitting Bid shall be attached to the Bid Form.
- G. The District shall award the contract to the lowest responsive and responsible Bidder.

2. CONTRACT PRICE

- A. **BASE BID** (D-4029 Liberal Arts AV Upgrade)

For labor, materials, bonds, fixtures, equipment, tools, transportation, services, sales taxes and other costs necessary to complete the general construction in accordance with the Contract Documents, for a stipulated Contract Price in the amount of:

_____ Dollars (\$ _____)

- B. **MATERIAL LEAD TIMES:**
Specify known lead times for proposed materials included in bid:

Crestron material, and speakers.

- C. **ALTERNATES:** N/A at this time.

3. COMPLETION TIME Complete all Phase 1 work by 5/23/22 - 8/1/2022 and all phase 2 work between 12/21/22 and 1/13/2023.

- A. For establishing the Date of Substantial Completion, and the Contract Time for the Base Bid and Alternates (If any) is as listed in the Construction Agreement. For Final Completion add 30 Calendar days to the Substantial Completion Date. This time may be subject to modification to facilitate the work as mutually agreed upon at a later date.
- B. The Bidder certifies that the Bid is based on the Contract Time for completion as stated above and in the Contract Documents. Bidder further certifies that the Base Bid amount is sufficient to cover all labor, materials, central office and construction site overhead, profit, and all other costs related to the completion of the Project for the entire Project construction time for both the General Contractor and all Subcontractors, as stated above in paragraphs 2 and 3.

4. ADDENDA

- A. The Bidder acknowledges receipt of the following Addenda and certifies the Bid has provided for all modifications and considerations required therein.

None []

Addendum No.: _____ dated _____

Addendum No.: _____ dated _____

Addendum No.: _____ dated _____

Addendum No.: _____ dated _____

Addendum No.: _____ dated _____

- B. List of Additional Addenda Attached: Yes [] No. [].

5. DESIGNATION OF SUBCONTRACTORS

- A. The Bidder has set forth a complete list indicating the type of work, name, and business address of each Subcontractor who will perform work in excess of one-half of one percent of the Contract Price.
- B. Any portion of the work in excess of the specified amount having no designated Subcontractor shall be performed by the Bidder.
- C. Substitution of listed Subcontractors will not be permitted unless approved in advance by the District.
- D. Prior to signing the Contract, the District reserves the right to reject any listed Subcontractor.
- E. The Bidder and all Subcontractors, at any and all tiers, shall be required to sign and submit to the District an Agreement to be Bound to the Project Stabilization Agreement that is a part of these Contract Documents.

F.

| | TYPE OF WORK | NAME | ADDRESS | LICENSE # | DIR # |
|---|--------------|------|---------|-----------|-------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

G. Complete list of Subcontractors is attached: Yes [] No []

H. Continuation list of Subcontractors is attached: Yes [] No []

I. Within 24 hours after the deadline for submission of Bids, Bidders shall submit each subcontractor’s License Number, Business Address, and percentage of contract work to be performed by each listed subcontractor.

6. ACCEPTANCE AND AWARD

A. The District reserves the right to reject this Bid and to negotiate changes before or after execution of the Contract. This Bid shall remain open and shall not be withdrawn for a period of 90 days after Bid Opening date.

B. If written Notice of Award of this Bid is mailed or delivered to the Bidder within 90 days after the date set for the receipt of this Bid, or other time before it is withdrawn, the Bidder will execute and deliver to the District a Contract prepared by District with the required Surety Bonds and Certificates of Insurance, within 10 days after personal delivery or deposit in the mail of the Notice of Award.

C. Notice of Award - or request for additional information may be addressed to the Bidder at the address provided.

7. BID SECURITY

A. The required 10 percent (10%) Bid Security for this Bid is attached in the form of:

() Bid Bond Issued By: _____

() Certified or Cashier's Check No. _____

Issued by: _____

8. BIDDER'S BUSINESS INFORMATION

A. **Individual []:** _____

Personal Name: _____

Business Name: _____

Address: _____

_____ Zip Code: _____

Telephone: _____

Fax Number: _____

B. **Partnership []:** _____

Co-partners' Names: _____

Business Name: _____

Address: _____

_____ Zip Code: _____

Telephone: _____

Fax Number: _____

C. **Corporation []:** _____

Firm Name: _____

Address: _____

_____ Zip Code: _____

Telephone: _____

Fax Number: _____

State of Incorporation: _____

President: _____

Secretary: _____

Treasurer: _____

Manager: _____

D. **Power of Attorney:**

Name: _____

Title: _____

E. **Contractor License No.** _____ **State of** _____

F. Bidder is submitting this proposal on behalf of a Joint Venture. Names, license numbers, and relevant information are given on a separate attachment:

Yes [] No [].

G. Upon request, furnish appropriate documentation to substantiate and/or support the data given.

H. The undersigned hereby certifies under penalty of perjury under the laws of the State of California that all the information submitted by the Bidder in connection with this Bid and all the representations herein made are true and correct.

Executed this _____ day of _____

DIR Registration No.

Firm Name

Signature

By (Print or Type Name)

Title

END OF SECTION 00300



Section 00350

NONCOLLUSION AFFIDAVIT
(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID)

State of California

County of Contra Costa

_____, being first duly sworn, deposes and says that he or she is of _____, the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: _____ Signature: _____

State of California
County of Contra Costa

On _____, before me, _____, Notary Public personally appeared

_____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

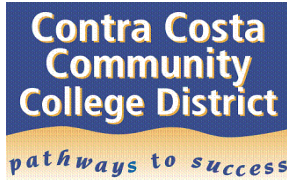
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.

Date: _____ Signature: _____

[SEAL]

END OF SECTION 00350



CONTRACT NO. _____
(Construction Agreement)

1. **SPECIAL TERMS.** These special terms are incorporated below by reference.

(§1.1) Parties: (Public Agency) **CONTRA COSTA COMMUNITY COLLEGE DISTRICT**
500 Court St, Martinez, CA 94553

(Contractor) **XXXXXX**
Address: _____

(§1.2) Effective Date: **May 09, 2022**

(§1.3) The Work: **D-4029 – Liberal Arts AV Upgrade**

(§1.4) Completion Time: **XX** Calendar Days from the Notice to Proceed referred to in Section 4 below.

(§1.5) Liquidated Damages: **\$500 / per calendar day work is delayed**

(§1.6) Public Agency's Agent: **CONTRA COSTA COMMUNITY COLLEGE DISTRICT (The District)**

(§1.7) Contract Price: **XXX AND XX THOUSAND DOLLARS and NO CENTS (\$XXX,000.00)**

2. **SCOPE OF WORK:**

The scope will be to upgrade the audio and video system in the Liberal Arts Building at DVC. Refer to supplementary general conditions for a full detail of the scope.

WORK CONTRACT, CHANGES

- (a) By their signatures below, effective on the above date, these parties promise and agree as set forth in this Agreement, incorporating by these references labor and materials contained in Section 2, Scope of Work.
- (b) Contractor shall, at Contractor's own cost and expense, and in a workmanlike manner, fully and faithfully perform and complete the work; and will furnish all materials, labor, services, equipment, and transportation necessary, convenient, and proper in order fairly to perform the requirements of this contract, all strictly in accordance with the Scope of Work in Section 2 above, and the Public Agency's plans, drawings and specifications, and with Supplementary General Conditions, if any.
- (c) The work can be changed only with Public Agency's prior written order specifying such change and its cost agreed to by the parties; and the Public Agency shall never have to pay more than specified in Section 7 without such an order.

3. **TIME: NOTICE TO PROCEED**

Contractor shall start this work as directed in Section 1.4 Completion Time above or as directed by the Notice to Proceed, if any, and shall complete it as specified in Section 1.4, Completion Time.

4. **LIQUIDATED DAMAGES**

If the Contractor fails to complete this contract and this work within the time fixed therefore, allowance being made for contingencies as provided herein, he becomes liable to the Public Agency for all its loss and damage there from; and because, from the nature of the case, it is and will be impracticable and extremely difficult to ascertain and fix the Public Agency's actual damage from any delay in performance hereof, it is agreed that Contractor will pay as liquidated damages to the Public Agency the reasonable sum specified in Section 1, the result of the parties' reasonable endeavor to estimate fair average compensation therefore, for each calendar days delay in finishing said work; and if the same be not paid, Public Agency may, in addition to its other remedies, deduct the same from any money due or to become due Contractor under this contract. If the Public Agency for any cause authorizes or contributes to a delay, suspension of work or extension of time, its duration shall be added to the time allowed for completion, but it shall not be deemed a waiver nor be used to defeat any right of the Agency to damages for non-completion or delay hereunder. Pursuant to Government Code Section 4215, the Contractor shall not be assessed liquidated damages for delay in completion of the work, when such delay was caused by the failure of the Public Agency or the owner of a utility to provide for removal or relocation of existing utility facilities.

5. INTEGRATED DOCUMENTS

The plans, drawings and specifications or special provisions of the Public Agency's call for bids, and Contractor's accepted bid for this work are hereby incorporated into this contract; and they are intended to cooperate, so that anything exhibited in the plans or drawings and not mentioned in the specifications or special provisions, or vice versa, is to be executed as if exhibited, mentioned and set forth in both, to the true intent and meaning thereof when taken all together; and differences of opinion concerning these shall be finally determined by the Public Agency.

6. PAYMENT

- (a) For strict and literal fulfillment of these promises and conditions, and full compensation for all this work, the Public Agency shall pay the Contractor the sum specified in Section 1, except that in unit price contracts the payment shall be for finished quantities at unit bid prices.
- (b) On or about the first day of each calendar month, the Contractor shall submit to the Public Agency a verified application for payment, supported by a statement showing all materials actually installed during the preceding month, the labor expended thereon, and the cost thereof; whereupon, after checking, the Public Agency shall issue to Contractor a certificate for the amount determined to be due, minus five (5%) percent thereof, but not until defective work and materials have been removed, replaced and made good. Payment of the approved amount will be made to the Contractor within 30 calendar days from the date the Public Agency approves in writing the Contractor's application for payment.

7. PAYMENTS WITHHELD

- (a) The Public Agency or its agent may withhold any payment, or because of later discovered evidence nullify all or any certificate for payment, to such extent and period of time only as may be necessary to protect the Public Agency from loss because of:
 - (1) Defective work not remedied, or work not completed, or
 - (2) Claims filed or reasonable evidence indicating probable filing, or
 - (3) Failure to properly pay subcontractors or for material or labor, or
 - (4) Reasonable doubt that the work can be completed for the balance then unpaid, or
 - (5) Damage to another contractor, or
 - (6) Damage to the Public Agency, other than damage due to delays.
- (b) The Public Agency shall use reasonable diligence to discover and report to the Contractor, as the work progresses, the materials and labor which are not satisfactory to it, so as to avoid unnecessary trouble or cost to the Contractor in making good any defective work or parts.

- (c) Thirty-five (35) calendar days after Public Agency files its notice of completion of the entire work, it shall issue a certificate to the Contractor and pay the balance of the contract price after deducting all amounts withheld under this contract, provided the Contractor shows that all claims for labor and materials have been paid, no claims have been presented to the Public Agency based on acts or omissions of the Contractor, and no liens or withhold notices have been filed against the work or site, and provided there are not reasonable indications of defective or missing work or of late-recorded notices of liens or claims against Contractor.

8. **INSURANCE**

Before the commencement of the Work, the Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in California as admitted carriers, or a District approved equal, with a financial rating of at least A status as rated in the most recent edition of Best's Insurance Reports or as amended by the Supplementary General Conditions, such insurance as will protect the Public Agency from claims set forth below, which may arise out of or result from the Contractor's operations under the Contract and for which the Contractor may be legally liable, whether such operations are by the Contractor, by a Subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

- (a) Claims for damages because of bodily injury, sickness, disease, or death of any person District would require indemnification and coverage for employee claim;
- (b) Claims for damages insured by usual personal injury liability coverage, which are sustained by a person as a result of an offense directly or indirectly related to employment of such person by the Contractor or by another person;
- (c) Claims for damages because of injury or destruction of tangible property, including loss of use resulting therefrom, arising from operations under the Contract Documents;
- (d) Claims for damages because of bodily injury, death of a person, or property damage arising out of the ownership, maintenance, or use of a motor vehicle, all mobile equipment, and vehicles moving under their own power and engaged in the Work;
- (e) Claims involving contractual liability applicable to the Contractor's obligations under the Contract Documents, including liability assumed by and the indemnity and defense obligations of the Contractor and the Subcontractors; and
- (f) Claims involving Completed Operations, Independent Contractors' coverage, and Broad Form property damage, without any exclusions for collapse, explosion, demolition, underground coverage, and excavating. (XCU)
- (g) Claims involving sudden or accidental discharge of contaminants or pollutants.

Additional Insured Endorsement Requirement: The Contractor shall name, on any policy of insurance, the District, Architect, Inspector, the State of California, their officers, employees, agents and independent contractors as Additional Insured. Subcontractors shall name the Contractor, the District, Architect, Inspector, the State of California, their officers, employees, agents and independent contractors as Additional Insured. The Additional Insured Endorsement included on all such insurance policies shall state that coverage is afforded the additional insured with respect to claims arising out of operations performed by or on behalf of the insured. If the Additional Insured, have other insurance which is applicable to the loss, such other insurance shall be on an excess or contingent basis. The insurance provided by the Contractor must be designated in the policy as primary to any insurance obtained by the Public Agency. The amount of the insurer's liability shall not be reduced by the existence of such other insurance.

Specific Insurance Requirement: Contractor shall take out and maintain and shall require all subcontractors, if any, whether primary or secondary, to take out and maintain:

- (a) Comprehensive General Liability Insurance with an aggregate of not less than \$2,000,000.00; Per occurrence, \$1,000,000.00
- (b) Automotive (any auto) where operated in amounts \$1,000,000.00

- (c) Workers' Compensation Insurance: \$1,000,000.00; Contractor is aware of and complies with Labor Code Section 3700 and the Worker's Compensation Law.

9. BONDS

(Not Required for Public Projects below \$25,000; Civil Code 9550; Public Contract Code 7103.)

Bond Requirements: Prior to commencing any portion of the Work, the Contractor shall furnish separate payment and performance bonds for its portion of the Work which shall cover 100% faithful performance of and payment of all obligations arising under the Contract Documents and/or guaranteeing the payment in full of all claims for labor performed and materials supplied for the Work. All bonds shall be provided by a corporate surety authorized and admitted to transact business in California as sureties.

To the extent, if any, that the Contract Price is increased in accordance with the Contract Documents, the Contractor shall, upon request of the Public Agency, cause the amount of the bonds to be increased accordingly and shall promptly deliver satisfactory evidence of such increase to the Public Agency. To the extent available, the bonds shall further provide that no change or alteration of the Contract Documents (including, without limitation, an increase in the Contract Price, as referred to above), extensions of time, or modifications of the time, terms, or conditions of payment to the Contractor will release the surety. If the Contractor fails to furnish the required bonds, the Public Agency may terminate the Contract for cause.

On signing this contract, Contractor shall deliver to Public Agency for approval good and sufficient bonds with sureties, in amount(s), specified in the specifications or special provisions, guaranteeing faithful performance of this contract and payment for all labor and materials hereunder.

10. FAILURE TO PERFORM

If the Contractor at any time refuses or neglects, without fault of the Public Agency or its agent(s), to supply sufficient materials or workers to complete this agreement and work as provided herein, for a period of ten days or more after written notice thereof by the Public Agency, the Public Agency may furnish same and deduct the reasonable expenses thereof from the contract price.

11. LAWS APPLY: General

Both parties recognize the applicability of various federal, state and local laws and regulations, especially Chapter 1 of Part 7 of the California Labor Code (beginning with Section 1720, and including Sections 1735, 1777.5, 1777.6, forbidding discrimination) and intend that this agreement complies therewith. The parties specifically stipulate that the relevant penalties and forfeitures provided in the Labor Code, especially in Sections 1775, 1777.6, and 1813, concerning prevailing wages and hours, shall apply to this agreement as though fully stipulated herein.

12. REGISTRATION WITH DEPARTMENT OF INDUSTRIAL RELATIONS

Contractor shall be registered pursuant to Section 1725.5 of the California Labor Code to be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any public work contract that is subject to the requirements of Section 1725.5. For the purposes of this requirement, "contractor" includes a subcontractor as defined by Labor Code Section 1722.1.

The requirement to list only registered contractors and subcontractors on bids becomes effective on March 1, 2015. The requirement to only use registered contractors and subcontractors on public works projects applies to all projects awarded on or after April 1, 2015.

13. SUBCONTRACTORS

Public Contract Code Sections 4100-4113 are incorporated herein.

14. WAGE RATES

- (a) Pursuant to Labor Code Section 1773, the Director of the Department of Industrial Relations has ascertained the general prevailing rates of wages per diem, and for holiday and overtime work, in the locality in which this work is to be performed, for each craft, specified in the call for bids for this work and are on file with the Public Agency, and are hereby incorporated herein.
- (b) This schedule of wages is based on a working day of eight (8) hours unless otherwise specified; and the daily rate is the hourly rate multiplied by the number of hours constituting the working day. When less than that number of hours are worked, the daily wage rate is proportionately reduced, but the hourly rate remains as stated.
- (c) The Contractor, and all subcontractors, must pay at least these rates to all persons on this work, including all travel, subsistence, and fringe benefit payments provided for by applicable collective bargaining agreements. All skilled labor not listed above must be paid at least the wage scale established by collective bargaining agreement for such labor in the locality where such work is being performed. If it becomes necessary for the Contractor or any subcontractor to employ any person in a craft, classification or type of work (except executive, supervisory, administrative, clerical or other non-manual workers as such) for which no minimum wage rate is specified, the contractor shall immediately notify the Public Agency which shall promptly determine the prevailing wage rate therefore and furnish the Contractor with the minimum rate based thereon, which shall apply from the time of the initial employment of the person affected and during the continuance of such employment.

15. HOURS OF LABOR

Eight hours of labor in one calendar day constitutes a legal day's work, and no worker employed at any time on this work by the Contractor or by any subcontractor shall be required or permitted to work longer thereon except as provided in Labor Code Sections 1810-1815.

16. APPRENTICES

Properly indentured apprentices may be employed on this work in accordance with Labor Code Sections 1777.5 and 1777.6, forbidding discrimination.

17. SUBMISSION OF CERTIFIED PAYROLL RECORDS

Contractors and subcontractors on all public works projects will be required to submit certified payroll records (CPRs) to the Labor Commissioner unless excused from this requirement. This requirement will be phased in as follows:

- (a) Applies immediately to public works projects that have already been under CMU monitoring, i.e. contractors on ongoing projects that have been submitting CPRs to the CMU will continue doing so.
- (b) Will apply to any new projects awarded on or after April 1, 2015.
- (c) May apply to other projects as determined by Labor Commissioner.
- (d) Will apply to all public works projects, new or ongoing, on and after January 1, 2016.

18. PREFERENCE FOR MATERIALS

The Public Agency desires to promote the industries and economy of Contra Costa County, and the Contractor therefore promises to use the products, workers, laborers and mechanics of this County in every case where the price, fitness and quality are equal.

19. ASSIGNMENT

This agreement binds the heirs, successors, assigns, and representatives of the Contractor; but Contractor cannot assign it in whole or in part, nor any monies due or to become due under it, without the prior written consent of the Public Agency and the Contractor's surety or sureties, unless they have waived notice of assignment.

20. NO WAIVER BY PUBLIC AGENCY

Inspection of the work and/or materials, or approval of work and/or materials inspected, or statement by any officer, agent or employee of the Public Agency indicating the work or any part thereof complies with the requirements of this contract, or acceptance of the whole or any part of said work and/or materials, or payments therefore, or any combination of these acts, shall not relieve the Contractor of Contractor's obligation to fulfill this contract as prescribed; nor shall the Public Agency be thereby stopped from bringing any action for damages or enforcement arising from the failure to comply with any of the terms and conditions hereof.

21. HOLD HARMLESS AND INDEMNITY

- (a) Contractor promises to and shall hold harmless and indemnify from the liabilities as defined in this section.
- (b) The indemnities benefited and protected by this promise are the Public Agency and its elective and appointive boards, commissions, officers, agents and employees.
- (c) The liabilities protected against are any liability or claim for damage of any kind allegedly suffered, incurred or threatened because of actions defined below, including personal injury, death, property damage, inverse condemnation, or any combination of these, regardless of whether or not such liability, claim or damage was unforeseeable at any time before the Public Agency approved the improvement plan or accepted the improvements as completed, and including the defense of any suit(s) or action(s) at law or equity concerning these.
- (d) The actions causing liability are any act or omission (negligent or non-negligent) in connection with the matters covered by this contract and attributable to the contractor, subcontractor(s), or any officer(s), agent(s), or employee(s) of one or more of them.
- (e) Non-conditions: The promise and agreement in this section is not conditioned or dependent on whether or not any Indemnities has prepared, supplied, or approved any plan(s), drawing(s), specifications(s) or special provision(s) in connection with this work, has insurance or other indemnification covering any of these matters, or that the alleged damage resulted partly from any negligent or willful misconduct of any Indemnities.

22. EXCAVATION

Contractor shall comply with the provisions of Labor Code Section 6705, if applicable, by submitting to Public Agency a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during trench excavation.

23. GOVERNMENT CODE SECTION 10532

Contractor shall be subject to the examination and audit of the Auditor General for a period of three years after final payment under the contract.

24. WARRANTY

The Contractor warrants to the Public Agency that materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contractor Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work shall conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. The Contractor's warranty

excludes remedy for damage or defect caused by abuse, modifications not executed by the Contractor improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage.

25. CONSEQUENTIAL DAMAGES

The Contractor and Public Agency waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes:

- (a) Damages incurred by the Public Agency for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
- (b) Damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.
- (c) This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination. Nothing contained in this subparagraph shall be deemed to preclude an award of liquidated direct damages, when applicable, in accordance with the requirements of the Contract Documents.

26. HAZARDOUS MATERIALS

- (a) If reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos, lead or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to the Public Agency in writing.
- (b) The Public Agency shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to verify that it has been rendered harmless. The Public Agency shall furnish in writing to the Contractor the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of such material or substance or who are to perform the task of removal or safe containment of such material or substance. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written notification from the Public Agency and Contractor. The Contract Time shall be extended appropriately.

27. SAFETY:

- (a) **Safety Programs.** The Contractor shall be solely responsible for initiating, maintaining and supervising all safety programs required by applicable law, ordinance, regulation or governmental orders in connection with the performance of the Contract, or otherwise required by the type or nature of the Work. The Contractor's safety program shall include all actions and programs necessary for compliance with California or federally statutorily mandated workplace safety programs, including without limitation, compliance with the California Drug Free Workplace Act of 1990 (California Government Code §§8350 et seq.). Without limiting or relieving the Contractor of its obligations hereunder, the Contractor shall require that its Subcontractors similarly initiate and maintain all appropriate or required safety programs. Prior to commencement of Work, the Contractor shall meet with the campus Buildings and Grounds Manager, Project Manager, and Construction Manager to review Contractor's safety precautions and implementation of safety programs during the Work.

- (b) **Safety Precautions.** The Contractor shall be solely responsible for initiating and maintaining reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to: (i) employees on the Work and other persons who may be affected thereby; (ii) the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and (iii) other property or items at the site of the Work, or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction. The Contractor shall take adequate precautions and measures to protect existing roads, sidewalks, curbs, pavement, utilities, adjoining property and improvements thereon (including without limitation, protection from settlement or loss of lateral support) and to avoid damage thereto. Without adjustment of the Contract Price or the Contract Time, the Contractor shall repair, replace or restore any damage or destruction of the foregoing items as a result of performance or installation of the Work.
- (c) **Safety Signs, Barricades.** The Contractor shall erect and maintain, as required by existing conditions and conditions resulting from performance of the Contract, reasonable safeguards for safety and protection of property and persons, including, without limitation, posting danger signs and other warnings against hazards, promulgating safety regulations and notifying Districts and users of adjacent sites and utilities.
- (d) **Safety Notices.** The Contractor shall give or post all notices required by applicable law and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.
- (e) **Safety Coordinator.** The Contractor shall designate a responsible member of the Contractor's organization at the Site whose duty shall be the prevention of accidents and the implementation and maintenance safety precautions and programs. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Project Inspector and the Architect.

28. SIGNATURES AND ACKNOWLEDGEMENT

Public Agency:

By: _____
Assistant Secretary, Governing Board
DAVID S. WETMORE, Director of Purchasing & Contracts

Note to Contractor: (1) Execute acknowledgement form below, and (2) if a corporation, affix Corporate Seal.

Contractor hereby also acknowledging awareness of and compliance with Labor Code S1861 concerning Worker's Compensation Law.

Contractor:

By: _____ (CORPORATE SEAL)
(Designate Official Capacity – **NAME**)

Print NAME and TITLE

License Number

Federal ID Number

NOTARY PUBLIC

=====

STATE OF CALIFORNIA)
) ss.
COUNTY OF CONTRA COSTA)

On _____, before me, _____, Notary Public,

personally appeared _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

Witness my hand and official seal.

Notary Public

[SEAL]



**D-4029 Liberal Arts AV Upgrade
SUPPLEMENTARY
GENERAL CONDITIONS**

PART 1 - PART 1- GENERAL REQUIREMENTS

1.1 SCOPE OF WORK

- A. Diablo Valley College Liberal Arts Building has 26 classrooms. 19 of the classrooms are controlled with a Crestron CP3 processor, located in the data closet on the second floor. The rooms with the Crestron system have a Panasonic projector with two computer satellite speakers on top for the audio. There is a Crestron receiver that is cabled to the teacher's multimedia desk, where there is a Crestron transmitter with a three-input switch built in. The sources connected to the switch are a document camera, HDMI cable for a laptop, and a mini-PC for a room PC (See the single line drawing - Diablo Valley College Liberal Arts - Existing AV design). 7 of the classrooms are Front Row EZ rooms and will be replaced with the new Crestron design (See the single line drawing - Diablo Valley College Liberal Arts - Updated AV Design). 3 of the rooms will add a 2nd projector and new projector mount and relocate the existing projector (See the single line drawing - Diablo Valley College Liberal Arts - Updated AV (2 Projectors) Design and the picture - AV Relocation.pdf).
- B. In phase 1 of the project, we will replace the existing computer satellite speakers with an amplifier and install 2 wall mounted speakers to the left and right of the screen. Additionally, we will pull data cables from the 2nd floor IDF to each classroom for the devices shown on the single line drawings that will be on the LAN network.
- C. Included in the quote is to also be materials for dressing cables at rack and device side (Velcro instead of zip ties). Labels for cables and jacks/plates/surface boxes, category cabling, jacks, plates/surface boxes, raceway, conduit, or cable wraps to provide an aesthetic install.
- D. The Phase 1 SOW for this project will go as follows:
 - 1. Pull all data cable from the 2nd floor closet to each room for the devices shown in the single line. (At Teacher's desk – DM Lite Switcher and DGE / At Projector – DM Lite Receiver, CEN-IO-RY-104 etc.)
 - 2. Installation of the Amps and the speakers in the rooms.
 - 3. Installation of raceway / conduit / cable pathway / Outlet boxes.
 - 4. Labeling cables, plates, and patch panels with electronic labels.
 - 5. Shop drawings showing Rack elevation, pathways, and locations with labels matching cabling.
 - 6. Swapping out the existing Panasonic projectors with new OFCI projectors.
 - 7. Furnishing and installing new projector mounts, relocating existing mount, and installing new OFCI projector in three of the classrooms so they will provide better lines of sight in the dual projector classrooms.
 - 8. Installation of the new Electronic Projection Screen, Draper 101640U or equal (including power and connections to Crestron Relay controller).

- E. In the 2nd phase of the project, we will be upgrading the Crestron distribution and control in each room. At the present moment, each room has an X-panel located on the teacher's computer. The controls are simple: In the middle is the school logo, on the left are display power and mute controls as well as a button to shut down the system, on the right are 3 source selection buttons (see picture of GUI). Between the teacher's desk and the projector is a DM lite switcher transmitter (TX) going to a DM lite receiver (RX) at the projector. The RX is outputting audio to computer speakers on top of the projector (in phase 1 these will be replaced with an amp and wall speakers). The RX is also connected to the 2nd floor data closet so the CP3 can control the switcher and the display. Lastly, the RX is powered locally and has an RS232 connection to the Panasonic projector.
- F. The school would like to replace the DM lite TX with a new 4 HDMI DM Lite switcher TX that can output mirrored images to both a DM RX and a local HDMI. This DM Lite switcher TX shall also have a 2nd DM output so the rooms with 2 projectors do not need external TX.
- G. The local HDMI shall pass through a Crestron DGE and both the DGE HDMI and USB shall connect to an OFCI touch monitor. This will allow both the control interface and view of the source on the same display and ability to mark up the source and interact with the controls.
- H. In phase 1 the projector and speakers/audio will be replaced and upgraded. This project the RX at the projector will remain in rooms where they exist. In the 7 Front Row rooms, the entire system will be new, and the RX units shall be the latest version and connected to the projector and audio as shown on the single line and existing RX in system. In the 3 rooms where they are adding a 2nd projector the existing shall be moved to left side of the room and on the right a new projector mount and OFCI projector shall be installed as well as new RX and connections to the projector.
- I. Half of the rooms will contain the CEN-IO-RY-104. This device has four relay ports on them so they can provide control for two screens. They will be connected to the network with a data cable and then will branch off to two different screens. The rooms with two projectors will have one of these devices for the room. While two single projector rooms will share one CEN device. (Draper 101640U or equal).
- J. The Phase 2 SOW for this project will be all Crestron items due to materials not being available until after August.
- K. Cabling:
 - 1. See the pictures of the data closet. There are two patch panels in the room that can be used for the new cabling. The Ortronics patch panel has 110 punch down and the Panduit has modular jacks. Neither panel has enough ports for all the cabling that will be required for this project, so the contractor will either need to use both panels or furnish new patch panels and jacks. In the bid proposal please state which cabling solution(s) will be used and show verification that contractor can provide at least a 15-year warranty (preferably a lifetime warranty).
- L. Complete scope of work:
 - 1. The contractor will be responsible to provide the cable, any material required for the pathway to the locations (J-hooks, raceways, cable trays, etc.), the jacks, outlet boxes/plates at the station side and rack, patch cord of appropriate lengths to connect network switches and devices at the station. All cables, jacks (on both ends), and

patch cords shall be labeled with computer generated labels at the switch to easily identify where they are going (devices/purposes). All wiring in the class rooms shall be covered with wire mold.

2. Cabling shall be Cat6A for data and for DM extensions shall be Cat6ASTP.

M. Touch Monitor

1. The owner will provide a Dell P2418HT. <https://www.dell.com/en-us/work/shop/dell-24-touch-monitor-p2418ht/apd/210-alcs/monitors-monitor-accessories>
2. Provide an alternate option with quote (must be 24 inch and USB HID compliant monitor).
3. The contractor is responsible for the HDMI patch cords and USB cable to connect to the monitor.

N. Crestron Materials

1. The Crestron devices at the teacher's desk shall be attached to the desk (Velcro is OK). They shall be located in the desk in a manner to not get in the way of teacher being able to store materials inside the desk.
2. The cabling between DM devices must be shielded. Test results shall be submitted for all DM and data cabling. All cabling is to be Cat6A.
3. Contractor is responsible for data and HDMI patch cords as well as any consumables for mounting and aesthetic installation.

1.2 Installation and Project Requirements:

- 1) Contractor is to furnish as built drawings showing any changes to design.
- 2) Provide a folder or document with pictures showing the installation at the data rack, station, displays, and teacher's desk.
- 3) The owner does NOT have a copy of the original code. The contractor is to include re-programming, creating a GUI like existing but with volume control added and a preview window for the current source. Include the ability to make the video window larger to fill the monitor.
- 4) Provide GUI for review before programming.
- 5) Set up the ability to allow mark up on the sources passing through the DGE to the touch monitor.
- 6) Provide a copy of the code - both uncompiled and archived.
- 7) Deliver all removed Front Row equipment to the school's representative.
- 8) Provide the following warranties

- 9) One-year contractor warranty.
- 10) Manufacturer material warranties.
- 11) Cabling manufacturer 15 year or greater warranty.
- 12) Contractors will furnish TIA test results using a Fluke or equivalent tester that has been calibrated within the last six months. In addition to the results, provide a document that lists all the settings used while taking the tests.
- 13) The existing system in the 26 room in Liberal Arts:
 - i. DLA*107 Crestron
 - ii. DLA*112 Crestron
 - iii. DLA*113 Crestron
 - iv. DLA*114 Crestron
 - v. DLA*115 Crestron
 - vi. DLA*116 Crestron
 - vii. DLA*117 Crestron
 - viii. DLA*118 Crestron
 - ix. DLA*119 Crestron
 - x. DLA*120 FrontRow
 - xi. DLA*121 FrontRow
 - xii. DLA*122 FrontRow
 - xiii. DLA*207 Crestron
 - xiv. DLA*208A Crestron
 - xv. DLA*208B FrontRow
 - xvi. DLA*209 Crestron
 - xvii. DLA*210 Crestron
 - xviii. DLA*211 Crestron
 - xix. DLA*212 Crestron
 - xx. DLA*213 Crestron
 - xxi. DLA*214 Crestron
 - xxii. DLA*215 Crestron
 - xxiii. DLA*216 Crestron
 - xxiv. DLA*217 FrontRow
 - xxv. DLA*218 FrontRow
 - xxvi. DLA*220 FrontRow

1.3 SCHEDULE:

- A. Timeline for completing the project will be as follows. Phase 1 is Infrastructure (Cabling, Raceway, Audio, & Screens) will be in place by August 1st. Some of the materials will not be available until September so they can be installed during winter break as phase 2.
- B. Work is to be done when there are no students in the classrooms. This allows for install to be done at normal working hours during summer and winter break.

1.4 REFERENCES:

- A. The publications listed below form a part of this specification by reference:
 - 1. Current California Occupational Safety and Health Act Regulations
 - 2. Current California Occupational Safety and Health Construction Safety Orders

1.5 SUBMITTALS:

- 1) Provide submittals in the format, and as described below:
 - 1. Submittals shall be submitted electronically to the District within ten (10) calendar days from the Notice to Proceed.
 - 2. Submittals:
 - a. Product data paint.
 - b. Product data for shades.
 - c. Product data for white boards.
 - d. Manufacturer system warranty information.
- 2) The Schedule of Values shall be submitted to the District within 7 (seven) calendar days from the Notice to Proceed. The Schedule of Values shall include the following minimum categories:
 - 1. Mobilization (maximum 5% of contract price). Includes temporary items such as fencing, safety signage, bathrooms, and related requirements.
 - 2. Demolition.

The District will only pay for Work installed at the Site.
- 3) Construction schedule using Microsoft Project shall be submitted (PDF and electronic file) within 5 work days from the Contract Award date.
- 4) Submittals are for review to confirm conformance with the requirements the scope of work

PART 2 - PRODUCTS

2.1 MATERIALS:

- A. Contractor Provided Materials: The Contractor provided materials shall include any associated equipment and appurtenances required for performing the contract properly and in accordance with the equipment manufacturer's literature.
- B. All materials shall be new, unless otherwise authorized or specified in the technical specifications or required by the drawings.
- C. Bill of materials (See exhibit A: single line for how items connect)

- a. DGE 100: <https://www.crestron.com/Products/Video/Video-Processors/Digital-Graphics-Engines/DGE-100>
- b. HD-MD402: <https://www.crestron.com/Products/Video/DigitalMedia-Switchers/Fixed-Switchers/HD-MD402>
- c. HD-RX-201-C-E: <https://www.crestron.com/Products/Video/HDMI-Solutions/HDMI-Extenders/HD-RX-201-C-E>
- d. HD-RX-4K-210-C-E: <https://www.crestron.com/Products/Video/HDMI-Solutions/HDMI-Extenders/HD-RX-4K-210-C-E>
- e. CEN-IO-RY-104: <https://www.crestron.com/Products/Control-Hardware-Software/Hardware/Control-Modules/CEN-IO-RY-104>
- f. Draper 101640U: <https://www.draperinc.com/projectionscreens/productdetail.aspx?detail=243&part=101640U#tabs-4>
- g. PT-FRZ50WU: <https://panasonic.net/cns/projector/products/frz60/>
- h. Stewart Audio Compact Amplifier at the projector DSP100-2-CV-D (or Equal – provide a submittal if propose other): <https://stewartaudio.com/products/dsp100-2-cv-d/>
- i. Bose DesignMax DM5SE 829705-0110 (equal or better alternative is acceptable as long as it does not exceed 80 watts since the amp has 100 watt channels). https://assets.bose.com/content/dam/Bose_DAM/Web/pro/global/products/loudspeakers/designmax_dm5se/downloads/tds_designmax_dm5se_en.pdf

The contractor is responsible for providing a complete system and installation, including materials and consumables as needed to complete the system. All items will be the responsibility of the contractor to furnish (except OFCI items), install, configure, and program.

PART 3 - EXECUTION AND RELATED REQUIREMENTS

3.1 GENERAL

A. Work Restrictions:

1. Contractor shall only work during normal business hours during the week (7:00 am to 7:00 pm), unless written approval is received by the District. Work on Federal holidays is not allowed.
2. Contractor shall control all dust during demolition and other activities that can generate dust. Contractor shall cover all trucks removing debris from the site with tarpaulins, and as otherwise required by local and state ordinances.
3. Contractor will be allowed to have access and use Campus utilities for temporary water and electricity, but Contractor shall be responsible to investigate prior to bid, and for all work necessary to connect to existing utilities for temporary use.
4. Contractor shall provide temporary sanitary facilities for use of all workers throughout the course of the contract duration. Contractor shall comply with the minimum requirements of the Contra Costa Health Department. Contractor is not permitted to use any Campus toilet facilities.

B. Scheduling and Coordination: Before commencing work at the site, the Contractor shall confirm that all requirements have been met pertaining to scheduling of the work. The

Contractor shall further determine that all required notices have been given. See Article 1.3, Submittals above for CPM scheduling requirements.

- C. Scheduling and Sequence of Work: The work shall be prosecuted in such a manner as to cause the least interference with the normal functions of the campus activity. Certain areas will be vacated for period of time as necessary for the Contractor to perform certain work.
- D. Interruption of Utilities Services: Utility interruptions, if any are required, shall be kept to a minimum, and shall be at such times and duration as approved ahead of time by the District. No interruption shall occur unless scheduled with the District, and approved in advance as to time and duration of such interruption.
- E. Material, equipment, tools and workmen shall be scheduled and delivered to the Site in a timely manner to avoid delay in the work. Materials provided shall be inspected by the Contractor to make certain they are in compliance with the specifications and are free from defects and damage.
- F. Measurements: Before fabrication, obtain necessary field measurements and verify all measurements.
- G. Protection required to prevent damage to adjacent areas, equipment, fixtures and finishes shall be provided. Damage to items while accomplishing the work shall be repaired or replaced with new items at no additional cost to the District.
- H. Existing Work: Protect existing work which is to remain in place, be reused, or remain the property of the District. Repair items that are to remain and are damaged during performance of the work to their original condition, or replace with new.
- I. Facilities: Protect electrical and mechanical services and utilities. Where removal of existing utilities and pavement is specified or indicated, provide approved barricades, temporary covering of exposed areas, and temporary services or connections for electrical and mechanical utilities.
- J. Dust and Debris Control: Prevent the spread of dust and debris to surrounding areas and occupied portions of the buildings to avoid the creation of a nuisance or hazard in the surrounding area. Waste and debris resulting from the work being performed shall be cleaned up daily and promptly removed from the site.

3.2 PERFORMANCE:

- A. Workmanship: Skilled personnel shall execute in a careful, neat, and proficient manner and in compliance with accepted trade practices all work. All work shall be executed in accordance with Cal/OSHA standards and safety orders. And all work on this contract shall comply with all Local, State, and Federal Environmental Laws.
- B. As used herein, "replace" means provide new materials to replace existing or missing materials.
- C. The Contractor shall field verify all measurements for existing conditions.
- D. Minor Materials and Work: Minor materials and work not specifically mentioned herein, but necessary for the proper completion of the specified work, shall be furnished without additional cost to the District.
- E. Unforeseen Major Repairs: Should deteriorated materials of a major nature be uncovered in the course of the work, or suspected hazardous materials discovered, it shall be brought to

the immediate attention of the Project Inspector and District. Repairs, if any, shall be made as directed in writing, and an adjustment will be made in the contract price in accordance with the terms of the contract.

- F. Existing Work: Where existing work is changed or removed, or where new work adjoins, connects to, or abuts existing work, the existing work shall be altered as necessary and connected in a substantial and workmanlike manner. All new work shall match, as nearly as practicable, existing, adjoining, and/or adjacent similar work. Operations affecting existing work shall be conducted with care not to damage work in place, and all existing work damaged by such operations shall be rectified or replaced without additional expense to the District.

3.3 PROJECT CLOSEOUT REQUIREMENTS

- A. Refer to the Drawings and Technical Specifications for O&M and As-Built requirements.
- B. Provide final clean-up of Site prior to Final Completion.
- C. Warranty
 - 1. The Contractor warrants to the District that material and equipment furnished under the Contract will be of the highest quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. Contractor's warranty and guaranty to District includes, but is not limited to the following representations:
 - a. In addition to any other warranties and guaranties provided elsewhere, Contractor shall, and hereby does, warrant all Work from the date the District files its Notice of Completion of the entire work with the County, or as agreed with the District, and shall repair or replace any or all such work, together with any other work, which may be displaced in so doing that may prove defective in workmanship or materials within a one (1) year period from date of completion as defined in Public Contract Code Section 7107(c) without expense whatsoever to District, ordinary wear and tear, unusual abuse or neglect excepted. District will give notice of observed defects with reasonable promptness. Contractor shall notify District upon completion of repairs.
 - b. In the event of failure of Contractor to comply with above mentioned conditions within one week after being notified in writing, District is hereby authorized to proceed to have defects repaired and made good at expense of Contractor who hereby agrees to pay costs and charges therefore immediately on demand.
 - c. If, in the opinion of the District, defective Work creates a dangerous condition or requires immediate correction or attention to prevent further loss to the District, the District will attempt to give the notice required by this Article. If the Contractor cannot be contacted or does not comply with the District's requirements for correction within a reasonable time as determined by the District, the District may, notwithstanding the provisions of this article, proceed to make such correction or attention which shall be charged against Contractor. Such action by the District will not relieve the Contractor of the guarantee provided in this Article or elsewhere in this Contract.

- d. This Article does not in any way limit the guarantee on any items for which a longer warranty or guaranty is specified or on any items for which a manufacturer gives a guarantee for a longer period. Contractor shall furnish District all appropriate guaranty or warranty certificates upon completion of the project.
2. Format - All Warranties/Guaranties and shall include:
 - a. Contractor, subcontractor, and equipment supplier shall provide Warranties and Guaranties on their original company letterhead with original signature.
 - b. Contractor shall provide original Warranties and Guaranties. Photocopies, fax and e-mail copies are not acceptable.
 3. Preparation
 - a. Contractor shall obtain warranties and guaranties, executed in duplicate by each applicable and/or responsible subcontractor(s), supplier(s), and manufacturer(s), prior to the Final Completion date of the contract. Except for items put into use with District's permission, Contractor shall leave date of beginning of time of warranty or guaranty blank until the date of completion is determined by District.
 - b. Contractor's Response to Construction Warranty and Guaranty Service Requirements: Following oral or written notification by the District, respond to construction warranty and guaranty service requirements within 24 hours, or earlier in case of emergency.
 4. Warranty and/or Guaranty Tags.
 - a. At the time of installation of mechanical equipment or other major system elements, tag each warranted or guaranteed item with a durable, oil and water resistant tag approved by the District. Attached each tag with a copper wire and spray with a silicone waterproof coating. The date of Final Completion and the Contractor Authorized signature must remain blank until the date the District makes a determination of Final Completion. Show the following information on the tag:

WARRANTY/GUARANTY INFORMATION – [insert project number and name on actual tag]

1. Type of product/material _____
2. Model number _____
3. Serial number _____
4. Contract number _____
5. Warranty/Guaranty period _____ (months) from _____ to _____
6. Inspector's signature _____
7. Construction Contractor _____
8. Address _____
9. Telephone number _____
10. Warranty or Guaranty contact _____
11. Address _____
12. Telephone number _____

13. WARNING - PROJECT PERSONNEL TO PERFORM ONLY OPERATIONAL MAINTENANCE DURING THE WARRANTY PERIOD.

END OF DOCUMENT