INVITATION FOR BID

Bid No.: 11-12/08 - Roof Replacement Merritt College Building L, Library/Learning Center

The Peralta Community College District, Oakland, California, through the Office of Purchasing Department, is hereby requesting sealed bids for the above mentioned work.

The successful bidder (Contractor) will be required to furnish all labor, material, equipment, and supplies to complete the work. The Contractor must also pay all applicable taxes and provide required insurance, permits and bonding.

General Bid Information

<table>
<thead>
<tr>
<th>Bid Description</th>
<th>Roof Replacement and Repairs at Laney Tower and Merritt College Building Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bid Type</td>
<td>Public Works (Prevailing Wage)</td>
</tr>
<tr>
<td>Bid Number</td>
<td>11-12/08</td>
</tr>
<tr>
<td>Project Number</td>
<td></td>
</tr>
<tr>
<td>Bid Issued</td>
<td>September 20, 2011</td>
</tr>
<tr>
<td>Department</td>
<td>General Services</td>
</tr>
<tr>
<td>Mandatory Site Visit Date</td>
<td>September 28, 2011 at 2:00 p.m.</td>
</tr>
<tr>
<td>Site Visit Location</td>
<td>Merritt College, 12500 Campus Drive, Oakland, CA 94619 (Building L, the Library/Learning Center)</td>
</tr>
<tr>
<td>Project Duration</td>
<td>30 days total (Calendar days)</td>
</tr>
<tr>
<td></td>
<td>This project is to be completed within the above number of calendar days from the date that the District issues a Notice to Proceed.</td>
</tr>
<tr>
<td>Liquidated Damages</td>
<td>$500 per day</td>
</tr>
<tr>
<td></td>
<td>The Contractor agrees to pay the District the above amount per calendar day in the event that the Contractor fails to complete the Contract within the Project Duration indicated above.</td>
</tr>
<tr>
<td>Scheduled Publication Dates</td>
<td>September 20, 2011; September 27, 2011</td>
</tr>
<tr>
<td>Bid Due Date</td>
<td>October 5, 2011 at 2:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Bids are opened at the bid submittal address 15 minutes after they are due. See “Instructions for Submitting Bids” later in this document.</td>
</tr>
</tbody>
</table>
Instructions for Submitting Bids

| **Submittal Address** | Peralta Community College District  
| | Purchasing Department  
| | Attn: John Banisadr, Purchasing Compliance Manager  
| | 501 5th Avenue  
| | Oakland, CA 94606  
| | (510) 466-7225 |

| **Submittal Copies** | One (1) Original |

| **Submittal Envelope Requirements** | Bids must be sealed and have the following information clearly marked and visible on the outside of the envelope:  
| | • Bid Number  
| | • Name of Your Company  
| | • Address  
| | • Phone Number |

| **Late Submittals** | Proposals received after the time and date stated above shall be returned unopened to the vendor. |

Questions about the Bid or Requests for Information

Questions and or Requests for Information (RFI) must be submitted in writing and can be submitted by fax or email as follows:

| **Primary Contact** | Robert Beckwith, Director of Facilities  
| | Fax: 510-587-7882  
| | Email: rbeckwith@peralta.edu  
| | Johnnie Fudge, Facilities Project Manager  
| | Fax: 510-377-0748  
| | Email: jfudge@peralta.edu |

| **Question/RFI Due Date** | September 29, 2011 at 4:00 p.m.  
| | Please submit questions as soon as possible. No questions regarding the specifications will be responded to after the above date. All pertinent questions will be responded to and answered in writing no later than the Response Date listed below. |

| **Response Date** | September 30, 2011  
| | All pertinent questions will be responded to via addendum faxed or emailed to all prospective bidders, and or posted at the District’s website. Bidders who did not receive a copy of the addendum should download it from the District’s website. See “How to Obtain Bid Documents” section for our web address. All addendums must be acknowledged on the bid form. |
How to Obtain Bid Documents

Bid documents may be obtained from the location(s) indicated in the table below:

<table>
<thead>
<tr>
<th>Available</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Peralta Community College District Purchasing Department</td>
</tr>
<tr>
<td></td>
<td>501 5th Avenue</td>
</tr>
<tr>
<td></td>
<td>Oakland, CA 94606</td>
</tr>
<tr>
<td></td>
<td>Monday through Friday 9:00 AM to 4:00 PM</td>
</tr>
<tr>
<td></td>
<td>(510) 466-7225</td>
</tr>
<tr>
<td>Yes (available for downloading)</td>
<td>Website: <a href="http://www.peralta.edu">www.peralta.edu</a></td>
</tr>
<tr>
<td></td>
<td>Click “Service Centers”, then click “Purchasing” and then click</td>
</tr>
<tr>
<td></td>
<td>“List of Current RFPs/Bids” to download the bid packet.</td>
</tr>
<tr>
<td>Yes (available for viewing)</td>
<td>Builders Exchange of Alameda</td>
</tr>
<tr>
<td></td>
<td>3055 Alvarado Street</td>
</tr>
<tr>
<td></td>
<td>San Leandro, CA 94577</td>
</tr>
<tr>
<td></td>
<td>Tel. 510-483-8880 Fax 510-352-1509</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:beac@beac.com">beac@beac.com</a></td>
</tr>
<tr>
<td></td>
<td>Attn: Jan Sanchez</td>
</tr>
<tr>
<td>Yes (available for viewing)</td>
<td>McGraw Hill Construction</td>
</tr>
<tr>
<td></td>
<td>11875 Dublin Blvd., Suite A118</td>
</tr>
<tr>
<td></td>
<td>Dublin, CA 94565</td>
</tr>
<tr>
<td></td>
<td>Tel. 925-833-9750 Fax 925-833-9754</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:Gerry_mccarthy@mcgraw-hill.com">Gerry_mccarthy@mcgraw-hill.com</a></td>
</tr>
<tr>
<td></td>
<td>Attn: Gerry McCarthy</td>
</tr>
</tbody>
</table>

Full Opportunity

The Peralta Community College District hereby affirmatively ensures that Disadvantaged Business Enterprises (DBE), Small Local Business Enterprise (SLBE) and Small Emerging Local Business Enterprise (SELBE) shall be afforded full opportunity to submit bids in response to this notice and will not be discriminated against on the basis of race, color, national origin, ancestry, disability, gender, transgender status, political affiliation or religion in any consideration leading to the award of contract.

No qualified disabled person shall, on the basis of disability, be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination in any consideration leading to the award.

Peralta Community College District reserves the right to reject any or all bids, to waive any irregularities or informalities not affected by law, to evaluate the bids submitted and to award the contract according to the proposal which best serves the interests of Peralta Community College District.

Ronald Gerhard, Vice Chancellor of Finance
### Attachments

<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Must Be Returned with Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Instruction to Bidders</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Prevailing Wage</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bid Form</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>Subcontractor List Form</td>
<td>Yes</td>
</tr>
<tr>
<td>5</td>
<td>Bid Bond</td>
<td>Yes, or a Check</td>
</tr>
<tr>
<td>6</td>
<td>Non-Collusion Affidavit</td>
<td>Yes</td>
</tr>
<tr>
<td>7</td>
<td>Small Local Business Enterprise/Small Emerging Local Business Enterprise Program</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SLBE/SELBE Self Certification Affidavit</td>
<td>Yes</td>
</tr>
<tr>
<td>9</td>
<td>Vendor’s Questionnaire And Certificate By Compliance</td>
<td>Yes</td>
</tr>
<tr>
<td>10</td>
<td>Environmentally Sustainable Procurement--Construction</td>
<td>Yes</td>
</tr>
<tr>
<td>11</td>
<td>Certificate Regarding Workers’ Compensation</td>
<td>Yes</td>
</tr>
<tr>
<td>12</td>
<td>Statement of Equal Employment Opportunity</td>
<td>Yes</td>
</tr>
<tr>
<td>13</td>
<td>Performance Bond</td>
<td>Required after Award</td>
</tr>
<tr>
<td>14</td>
<td>Payment Bond</td>
<td>Required after Award</td>
</tr>
<tr>
<td>15</td>
<td>Contract</td>
<td>Required after Award</td>
</tr>
<tr>
<td>16</td>
<td>Bid Protest Procedures</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>PCCD Construction Debris Reporting Requirements</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Construction Protocol Procedures</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Final Cleaning Requirements</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Post Bid Interview</td>
<td>Require after selection of Bidder</td>
</tr>
</tbody>
</table>

### Enclosures

<table>
<thead>
<tr>
<th></th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Scope of Work</td>
</tr>
<tr>
<td></td>
<td>General Conditions (79 pages)</td>
</tr>
<tr>
<td></td>
<td>Project Manual</td>
</tr>
</tbody>
</table>
INSTRUCTIONS TO BIDDERS

Bid Proposals:
No bid proposals shall receive consideration by the Peralta Community College District (hereinafter “District”) unless made in accordance with the following instructions:

1. Deadline For Receipt of Proposals. Bid proposals must be sealed and filed at the office of the Director of Purchasing located at 501 5th Avenue, Oakland, California, 94606 no later than the time specified in the invitation. The District suggests that bids be hand delivered in order to ensure their timely receipt. Any bids received after the time stated shall not be opened and shall be returned, sealed, to the bidder.

2. Bidders Conference. A mandatory bidders conference will be held on the date specified in the invitation, for the purpose of acquainting all prospective bidders with the bid documents. It is imperative that all prospective bidders attend this conference. Failure to attend the conference may disqualify a non-attending bidder from the bid. Following this meeting, a mandatory site review will be conducted to acquaint bidders with the project.

3. Requests for Information. Any questions relative to the bid should be in writing and directed to the Architect or his or her designee at the address specified for receipt of bid proposals.

4. Bid Proposal Forms. Bid proposals must be made on a form obtained from the District. All items on the form should be filled out. Numbers should be stated in figures, and the signatures of all individuals must be in long hand. The completed form should be without interlineations, alterations, or erasures.

5. Execution of Forms. Each bid must give the full business address of the bidder and must be signed by the bidder with his or her authorized signature. Bids by partnerships must furnish the full names of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters. Bids by corporations must be signed with the legal name of the corporation, followed by the signature and designation of the president, secretary, or other person authorized to bind the corporation in this matter. The name of each person signing shall also be typed or printed below the signature. When requested by the District, satisfactory evidence of the authority of the officer signing on behalf of the corporation shall be furnished. A bidder's failure to properly sign required forms may result in rejection of the bid. All bids must include the bidder's California contractor's license number and expiration date.

6. Bid Security. Bid proposals should be accompanied by a cashier's check or bidder's bond for an amount not less than ten percent (10%) of the bid amount. The cashier's check or bid bond shall be made payable to the order of the District. If the bid bond accompanies the proposal, the bond shall be secured by an admitted surety company, licensed in the State of California, satisfactory to the District. The cashier's check or bond shall be given as a guarantee that the bidder will enter into the contract if awarded the work, and in the case of refusal or failure to enter into the contract within ten (10) calendar days after notification of the award of the contract, the District shall have the right to award to another bidder. If the bidder fails or refuses to timely enter into the contract, the District reserves the right to declare the bid bond forfeited and to pursue all other remedies in law or equity relating to such breach including, but not limited to, seeking recovery of damages for breach of contract. Failure to provide bid security, or bid security in the proper amount, will result in rejection of the bid.

7. Withdrawal of Bid Proposals. Bid proposals may be withdrawn by the bidders prior to the time fixed for the opening of bids, but may not be withdrawn for a period of forty-five (45) calendar days after the opening of bids.
8. **Addenda or Bulletins.** Any addenda or bulletins issued during the time of bidding shall form a part of the drawings and specifications issued to bidders for the preparation of their proposals and shall constitute a part of the Contract Documents. No addendum will be issued on such requests received later than five (5) calendar days before the scheduled opening of bids.

9. **Award of Contract.** The District reserves the right to reject any and all bid proposals to contract work with whomever and in whatever manner the District decides, to abandon the work entirely and to waive any informality or non-substantive irregularity as the interest of the District may require.

10. **Bonds.** The successful bidder shall be required to submit payment and performance bonds as specified in the Contract Documents. All required bonds shall be calculated on the maximum total purchase price. A bidder's failure to submit the bonds requested shall result in rejection of the bid proposal.

11. **Rejection of Bids and Award of Contract.** The District reserves the right to waive any irregularities in the bid and the right to accept or reject any and all bids, or to accept or reject any portion or combination thereof, or award on the basis of the total bid, when to do so is in its own best interest. The Contract will be awarded within forty-five (45) calendar days after opening of Bids to the lowest responsible Bidder complying with the requirements of the Contract Documents, subject to Governing Board approval. The time for awarding the Contract may be extended by the District with the consent of the lowest responsible Bidder.

12. **Execution of Contract.** The successful bidder shall, within ten (10) calendar days of notice of award of the contract, sign and deliver to the District, without exception, the executed District contract along with the bonds and certificates of insurance required by the Contract Documents. In the event the bidder to whom an award is made fails or refuses to execute the contract within ten (10) calendar days from the date of receiving notification that the contract has been awarded to the bidder, or fails to provide the required bonds and certificates, the District may declare the bidder's bid deposit or bond forfeited as damages caused by the failure of the bidder to enter into the contract, and may award the work to the next lowest responsible bidder, or may reject all bids and, at its sole discretion, call for new bids.

13. **Drawings and Specifications.** Each bidder shall be required to return to the District all drawings and specifications in an unmutilated condition and without any marks or annotations. All drawings, specifications and other documents used or prepared during the project shall be the exclusive property of District.

14. **Evidence of Responsibility.** Upon the request of the District, a bidder shall submit promptly to the District satisfactory evidence showing the bidder's financial resources, the bidder's experience in the type of work being required by the District, the bidder's organization and workforce available for the performance of the contract and any other required evidence of the bidder's qualifications to perform the proposed contract. The District may consider such evidence before making its decision awarding the proposed contract. Failure to submit evidence of a bidder's responsibility to perform the proposed contract may result in rejection of the bid.

15. **Taxes.** Taxes shall be included in the bid prices.

16. **Bid Exceptions.** The taking of bid exceptions or providing false, incomplete or unresponsive statements may result in the disqualification of the bid.

17. **Discounts.** Any discounts which the bidder desires to provide the District must be stated clearly on the bid form itself so that the District can calculate properly the net cost of the bid proposal. Offers of discounts or additional services not delineated on the bid form will not be considered by the District in the determination of the lowest responsible bidder.

18. **Quantities.** The quantities shown are approximate. The District reserves the right to increase or decrease quantities as desired.
19. **Prices.** Bidders must quote prices F.O.B. unless otherwise noted. Prices should be stated in the units specified and bidders should quote each item separately.

20. **Samples.** On request, samples of the products being bid shall be furnished to the District at no cost to the District.

21. **Special Brand Names.** In describing any item, the use of a manufacturer or special brand, except in those instances where the product is designated to match others in use on a particular public improvement either completed or in the course of completion, does not restrict bidding to that manufacturer or special brand, but is intended only to indicate quality and type of item desired. Bidders may furnish any material, product, thing or service of comparable quality or utility. If a bidder is requesting substitution of "an equal" item, the make and grade of the article on which the bid is submitted must be stated in the bid proposal and illustrations and catalogue information submitted. The District reserves the right to make all decisions on product and vendor selection.

22. **Container Costs and Delivery.** All costs for containers shall be borne by the bidder. All products shall conform to the provisions set forth in the federal, county, state and city laws for their production, handling, processing and labeling. Packages shall be so constructed to ensure safe transportation to point of delivery.

23. **Bid Negotiations.** A bid response to any specific item of this bid with terms such as "negotiable", "will negotiate" or similar, will be considered as non-compliance with that specific term.

24. **Prevailing Law.** In the event of any conflict or ambiguity between these instructions and state or federal law or regulations, the latter shall prevail. Additionally, all equipment to be supplied or services to be performed under the bid proposal shall conform to all applicable requirements of local, state and federal law, including, but not limited to, California Labor Code Sections 1771, 1778 and 1779.

25. **Governing Law and Venue.** In the event of litigation, the bid documents, specifications and related matters shall be governed by and construed in accordance with the laws of the State of California. Venue shall be with the appropriate state or federal court located in Alameda County, California.

26. **Subcontractors.** Pursuant to the Subletting and Subcontracting Fair Practices Act, Public Contract Code Sections 4100-4114, inclusive, every bidder shall, on the enclosed form set forth:

   (a) The name, location of the place of business, and all information required on the Subcontractor List for each subcontractor who will perform work or labor or render service to the bidder in or about the work in an amount in excess of one-half (1/2) of the one percent (1%) of the bidder's total bid.

   (b) The portion of the work which will be done by each subcontractor. If the bidder fails to specify a subcontractor for any portion of the work to be performed under the contract in excess of one-half (1/2) of one percent (1%) of the bidder's total bid, bidder agrees that bidder is fully qualified to and will perform that portion of the work. The successful bidder shall not, without the consent of the District, and in compliance with Public Contract Code Sections 4100 - 4114, either:

   (1) Substitute any person as subcontractor in place of the subcontractor designated in the original bid;

   (2) Permit any subcontract to be voluntarily assigned or transferred or allow the work to be performed by anyone other than the original subcontractor listed in the bid; or

   (3) Sublet or subcontract any portion of the work in excess of one-half (1/2) of one percent (1%) of the total bid as to which the bidder's original bid did not designate a subcontractor.
27. **Examination of Contract Documents and Work Site.** Before submitting a bid proposal, bidders shall examine the contract, the drawings, the specifications and other Contract Documents. Bidders shall visit the site of the proposed work and shall fully inform themselves of all conditions in and about the work site, the building or buildings, if any, and any work that may have been done thereon. However, no bidder shall visit the site without prior authorization. All bidders are requested to contact the Physical Plant Department or designee for coordination of site visits. Submission of a bid proposal constitutes acceptance of the terms of this provision.

28. **Form of Contract.** The bidder selected by the District will be required to execute, without exception, a contract included in the bidding package. The contract and other documents are subject to the approval of the District and its legal counsel.

29. **Licenses.** Each bidder, and their subcontractors, if any, must possess all appropriate and required licenses or other permits to perform the work as identified in contract documents. Upon request, each bidder shall furnish the District with evidence demonstrating possession of the required licenses or permits. Failure to submit such evidence to the District's satisfaction may result in rejection of the bid.

30. **Denial of Right to Bid.** Contractors or subcontractors who have violated state law governing public works shall be denied the right to bid on this public work contract as set forth in California Labor Code Section 1777.7.

31. **Bidders Interested in More Than One Bid.** No person, firm, or corporation shall be allowed to make, or file, or be interested in more than one bid unless alternate bids are specifically called for. A person, firm, or corporation that has submitted a sub-proposal to a bidder, or that has quoted prices of materials to a bidder, is not thereby disqualified from submitting a sub-proposal or quoting prices to other bidders or make a prime proposal.

32. **Contractors State License Board.** Contractors are required by law to be licensed and regulated by the Contractors State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors State License Board, P. O. Box 26000, Sacramento, California 95826.

33. **Additive and Deductive Items:** Method of Determining Lowest Bid. Pursuant to Public Contract Code section 20103.8, should this bid solicitation include additive and/or deductive items, the checked \[X\] method shall be used to determine the lowest bid:

   _______X______ (a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

   ________ (b) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that were specifically identified in the bid solicitation [see bid proposal form] as being used for the purpose of determining the lowest bid price.

   ________ (c) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items taken in order from a specifically identified list of those items, depending upon available funds as identified in the solicitation.

   ________ (d) The lowest bid shall be determined in a manner that prevents any information that would identify any of the bidders from being revealed to the public entity before the ranking of all bidders from lowest to highest has been determined.

If no method is checked, sub-paragraph (a) shall be used to determine the lowest bid.

Notwithstanding the method used by the District to determine the lowest responsible bidder, the District retains the right to add to or deduct from the contract any of the additive or deductive items included in the bid solicitation.
Peralta Community College District

**Prevailing Wage Determination**

The Governing Board has obtained from the Director of the Department of Industrial Relations, the general prevailing rate of per diem wages in the locality in which the work is to be performed for each craft, classifications or type of worker needed to execute the contract, including employer payments for health and welfare, pension, vacation, apprenticeship and similar purposes. Copies of these prevailing rates are Internet accessible at [http://www.dir.ca.gov/DLSR/statistics_research.html](http://www.dir.ca.gov/DLSR/statistics_research.html) or shall be made available at the District’s Purchasing office to any interested party upon request during regular business hours. For this bid, wage determination 2010-1 shall be used.

The schedule of per diem wages is based upon a working day of eight hours. The rate for holiday and overtime work shall be at least time and one half.

It shall be mandatory upon the contractor to whom the contract is awarded, and upon any subcontractor under him, to pay not less than the specified rates to all workers employed by them in the execution of the contract. It is the contractor's responsibility to determine any rate change, which may have or will occur during the intervening period between each issuance of published rates by the Director of Industrial Relations.
Peralta Community College District

Bid No.: 11-12/08 - Roof Replacement Merritt College Building L, Library/Learning Center

The undersigned having carefully examined the location of the proposed work, the local conditions of the place where the work is to be done, the Invitation for Bid, the General Conditions and Instructions to Bidders, the Peralta Community College District (District) Contract, the Specifications and all of the contract documents for this project, and accurately completed the Vendor's Questionnaire, proposes to perform the contract, including all of its component parts, and to furnish any and all required labor, materials, equipment, insurance, permit, bonding, transportation and services required for the construction of the project in strict conformity with the plans and specifications prepared, including any Addenda, within the time specified for the lump sum price of (including all taxes):

Total Bid Price

<table>
<thead>
<tr>
<th>Total lump sum bid price of $_________________ (Numeric amount)</th>
</tr>
</thead>
<tbody>
<tr>
<td>________________________________________________________________ (Written amount)</td>
</tr>
</tbody>
</table>

Written amount prevails if any discrepancy exists.

Bid Elements

(This Total Bid Price is composed of the following elements)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Roof Replacement Merritt College Building L</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>All Allowances (see page 3 of this bid form and Section 01010)</td>
<td></td>
</tr>
</tbody>
</table>

Total (equating to the Total Bid Price value shown above)

Peralta Community College District reserves the right to award a contract to multiple Contractors, based on the lowest responsive, responsible bid, for each Bid Element, or to award the entire bid to the lowest responsive, responsible bidder, depending on which best serves the interests of the District.

Agreement Terms

1. If awarded the contract, the undersigned hereby agrees to sign said contract and furnish the necessary Payment Bond, Performance Bond, and Certificates of Insurance within 10 calendar days after the Notice of the Award of this contract and agrees to commence construction within 10 calendar days after the Notice to Proceed is issued by the District.

2. The undersigned has checked carefully all the above figures and understands that the District will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

Contractor Name: ___________________________________________  Initials: _______________
BID FORM (Page 2 of 2)
Bid No.: 11-12/08 - Roof Replacement Merritt College Building L, Library/Learning Center

Agreement Terms Continued

3. Peralta Community College District reserves the right to reject any or all bids, to waive any irregularities or informalities not affected by law, to evaluate the bids submitted and to award the contract according to the proposal which best serves the interests of the District.

4. All pages of this Bid Form must be completed and signed in ink. The bid will be awarded to the lowest responsive, responsible bidder.

Bid Bond

Each bid shall be accompanied by a cashier's check payable to the Peralta Community College District, or a bidder's bond executed by an admitted surety insurer, licensed to do business in the State of California as a surety, made payable to the Peralta Community College District in an amount not less than ten percent (10%) of the maximum amount of the bid. The check or bid bond shall be given as a guarantee that the bidder to whom the contract is awarded shall execute the contract documents and shall provide the required payment and performance bonds as specified therein within ten (10) days after the notification of the award of the contract.

Amount - Bidders must enclose an amount of not less than 10 percent of the entire bid as either:

_____ Cashier's Check:  Check Number: ________________________________
Issuing Bank: ____________________________________________
Amount: $ ________________________________

_____ Bidder's Bond:  Surety Company: ________________________________

Addendum Acknowledgement

The following addendum(s) are acknowledged in this bid: ________________________________

Bidder Information and Signature

Contractor Name: ________________________ Title: ______________________________
Contact Person (print name):________________________________________________________
Address: ______________________________________________________________________
Telephone: _____________________________ Fax:________________________________
Contractor License #: _____________________ Expiration Date: ______________________
Authorized Signature: ________________________________ Date: ________________
ALLOWSANCES

All allowances shall be used at the discretion of the District. Any allowances not approved through a formal change order procedure shall be credited back to the District as a deductive change order. Contractor shall be aware that all allowances are for work not included in the base bid work as called out, specified or shown on the contract documents.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Amount</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL-01</td>
<td>Miscellaneous repair at deck</td>
<td>$20,000</td>
<td>LS</td>
</tr>
</tbody>
</table>

$20,000

Contractor Name:_____________________________________________Initials: ______________
Peralta Community College District

SUBCONTRACTOR LIST FORM

Bid No.: 11-12/08 - Roof Replacement Merritt College Building L, Library/Learning Center

No Subcontractors

_____ Check here and skip to the “Signature” section if you have no subcontractors who will perform contract work in an amount in excess of 1/2 of 1 percent of the total contract price.

Subcontractors

In accordance with the provisions of Public Contract Code section 4104, each bidder shall list below the name and location of place of business for each sub-contractor who will perform a portion of the contract work in an amount in excess of 1/2 of 1 percent of the total contract price. In each such instance, the nature of the work to be sublet shall be described. All columns must be completed.

<table>
<thead>
<tr>
<th>Subcontractor and Location</th>
<th>Type of Work or Trade Classification</th>
<th>Amount</th>
<th>License No.</th>
<th>Type of Business* (check one)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SLBE</td>
</tr>
<tr>
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<td>2.</td>
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<td>5.</td>
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<tr>
<td>6.</td>
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</tbody>
</table>

*See the “Small Local Business Enterprise (SLBE)/Small Emerging Local Business Enterprise Program (SELBE)” document in this bid package for definitions and requirements.

Signature

Contractor Name: ___________________________ Title: _____________________________

Authorized Signature: ___________________________ Date: ________________
Peralta Community College District

BID BOND

Know all men by these presents, that we _________________________ as principal, and __________________________ as surety are firmly bound unto the Peralta Community College District (hereinafter "District"), in the penal sum of TEN PERCENT (10%) of the Total Amount of the Bid of the Principal submitted to the said DISTRICT for the work described below for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by the presents.

The condition of this obligation is such that whereas the Principal has submitted the accompanying bid dated _______________________, for _____________________________________________________________ _______________________, now therefore, if the Principal shall not withdraw said bid within the period specified therein after the opening of the same, or if no period be specified within sixty (60) calendar days after said opening; and if the Principal is awarded the contract and shall within the period specified thereafter, or, if no period be specified, within five (5) calendar days after the prescribed forms are presented to him or her for signature, enter into a written contract with DISTRICT, in accordance with the bid as accepted or fail to give bond with good and sufficient surety or sureties as may be required, for the faithful performance and proper fulfillment of such contract and for the payment for labor and materials used for the performance of the work of installation under the contract, or in the event of the withdrawal of said bid within the period specified or the failure to enter into such contract and give such bonds within the time specified, if the Principal shall pay DISTRICT the difference between the amount specified in said bid and the amount for which DISTRICT may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by DISTRICT in again calling for bids, then the above obligation shall be void and of no effect, otherwise to remain in full force and virtue.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the term of the contract on the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same shall in any wise affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said contract or the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by DISTRICT and judgment is recovered, the Surety shall pay all costs incurred by DISTRICT in such suit, including a reasonable attorney's fee to be fixed by the court.

In witness whereof the above-bounded Parties have executed this instrument under their several seals this day of ________________________, the name and corporate seal of each corporate Party being hereunder affixed and these presents duly signed by its undersigned representative, pursuant to the authority of its governing body.

(Corporate Seal)

Principal

By ____________________________

Title ____________________________

(Corporate Seal) Surety

__________________________

Upload Attorney-In-Fact Certificate

By ____________________________

Title ____________________________

(To be signed by Principal and Surety and Acknowledgment And Notary Seal to be Attached.)
Peralta Community College District

NON-COLLUSION AFFIDAVIT
(To be executed by bidder and submitted with bid)

Bid No.: 11-12/08 - Roof Replacement Merritt College Building L, Library/ Learning Center

State of California, County of _______________

(Name) ____________________________________________, being first duly sworn, deposes and says that he or she is (title)______________________ of (company)____________________________ 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 that the foregoing is true and correct.

Date: ____________________ Signature: ____________________________________________
Peralta Community College District

SMALL LOCAL BUSINESS ENTERPRISE and
SMALL EMERGING LOCAL BUSINESS ENTERPRISE PROGRAM

The District is committed to ensure equal opportunity and equitable treatment in awarding and managing its public contracts and has established an annual overall program goal of twenty-five percent participation for small local businesses. To facilitate opportunities for small local business, the District will use a maximum 5% bidding preference for SLBE and SELBE firms. The preference is only used for computation purposes to determine the winning bidder, the contract is awarded at the actual bid amount. Please review the following guidelines to see if your firm qualifies for the preference.

The 5% bidding preference for an SLBE and SELBE firms are for construction, personal and professional services, goods and services, maintenance, repairs, and operations where responsibility and quality are equal. The preference will be 5% of the bid amount of the lowest responsive responsible bidder, and may not exceed $50,000.00 for any bid.

A Non-SLBE/SELBE Prime Contractor who utilizes 25% of total bid amount, with SLBE or SELBE subcontractors (who meet the District’s Definition of an SLBE and SELBE), can also receive a maximum of 4% bidding preference, not to exceed $50,000.00 for any bid. (See below Subcontractors section.)

Definitions:

SLBE: A Small Local Business Enterprise is a business that has not exceeded gross annual revenue of 8.5 million dollars for a construction firm, or 6 million dollars for goods and non-professional services firm, or 3 million dollars for architecture, engineering and professional services firm, for the past three consecutive years and meets the below geographic location requirements.

SELBE: A Small Local Emerging Business Enterprise is a business that has not exceeded gross annual revenue of 1.5 million dollars for the past three consecutive years and meets the below geographic location requirements.

Commercially Useful Function: Shall mean a business is directly responsible for providing the materials, equipment, supplies or services to the District as required by the contract solicitation. The business performs work that is normal for its business services and carries out its obligation by actually performing, managing, or supervising the work involved. The business is not Commercially Useful if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of SLBE or SELBE participation.

Geographic Location Requirements:

- The business must be located at a fixed, established commercial address located in the District’s market area of Albany, Alameda, Berkeley, Emeryville, Oakland, or Piedmont, and not a temporary or movable office, a post office box, or a telephone answering service.

- If the business has an office outside of the District’s market area as well as an office within the market area, the office within the District’s market area must be staffed on a full time permanent basis with someone employed by the business.

- If requested, the business that has an office outside of the District’s market area must provide proof of one or more past contracts citing the business address (such as contracts to perform work, to rent space or equipment, or for other business services) was within the District’s market area at least one (1) year prior to the date of contract award. The one-year requirement does not apply to businesses whose sole establishment is located within the District’s market area.
Subcontractors:

Non-SLBE/SELBE Prime Contractors who use subcontractors, who meet the district definitions of SLBE and SELBE, may receive a maximum of 4% bidding preference if the following conditions are met:

1. 25% of total bid amount is with Subcontractors who meet the District’s definition of an SLBE and SELBE. The Prime Contractor must list each Subcontractor on the Subcontractor List form, clearly identifying the SLBE and SELBE status and the Dollar Amount of work each subcontractor will perform.

2. The Subcontractors must provide a Commercially Useful Function.

3. The Prime Contractor must maintain the Subcontractor percentages (based on the quoted dollar amounts) indicated in the Subcontractor List form at the time the Contract is awarded and throughout the term of the Contract.

4. The Prime Contractor must fill out sign the SLBE/SELBE Self Certification Affidavit and return it with the bid documents, and 48 hours after the bid opening the Prime Contractor must submit signed SLBE/SELBE Self Certification Affidavit from each of the SLBE and SELBE subcontractors listed in the Subcontractor form. The Subcontractor must agree to provide the requested documentation to verify the SLBE/SELBE status.

5. No Substitutions can be made to the SLBE and SELBE subcontractor without the prior written approval of the District. The District will approve a subcontractor substitution on the following conditions:
   a. A written statement from the subcontractor agreeing to the substitution.
   b. When the subcontractor has been given a reasonable opportunity to execute the subcontract, yet fails to, or refuses to execute the subcontract, or refuses to satisfy contractual obligations.
   c. When the subcontractor becomes insolvent.
   d. When the District determines the work performed by the subcontractor is not in accordance with the contract agreement, or the subcontractor is substantially and unduly delaying or disrupting the progress of work.

Firms that meet the District criteria for an SLBE and SELBE can complete the below self-certification affidavit signed under penalty of perjury. Firms claiming SLBE and SELBE status in the self-certification affidavit will be required to submit proof of residency and revenue 48 hours after bid opening. Such proof shall consist of a copy of a contract to perform work, to rent space or equipment, or for other business services, executed from their local address, and the firm’s tax returns for the past three consecutive years.
SLBE/ SELBE SELF CERTIFICATION AFFIDAVIT

I certify under penalty of perjury that my firm meets the District's definition of a Small Local Business Enterprise or a Small Emerging Local Business Enterprise and resides in the geographic location of the District's market area and qualifies for the below preference. The maximum preference will be five percent of the bid amount of the lowest responsible bidder, and may not exceed $50,000.00 for any bid. The preference is only used for computation purposes to determine the winning bidder; the contract is awarded at the actual bid amount. The District's Contract Compliance Office will determine whether this requirement has been fulfilled. Bidders may only claim one of the below preferences.

<table>
<thead>
<tr>
<th>Certification Status</th>
<th>Preference</th>
<th>Preference Claimed (check only one)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLBE</td>
<td>5% of lowest bid</td>
<td></td>
</tr>
<tr>
<td>SELBE</td>
<td>5% of lowest bid</td>
<td></td>
</tr>
<tr>
<td>25% of Subcontractors are SLBE/SELBE</td>
<td>4% of lowest bid</td>
<td></td>
</tr>
<tr>
<td>Not Applicable</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

1. I acknowledge and am hereby advised that upon a finding of perjury with the claims made in this self certification affidavit the District is authorized to impose penalties which may include any of the following:
   a) Refusal to certify the award of a contract
   b) Suspension of a contract
   c) Withholding of funds
   d) Revision of a contract for material breach of contract
   e) Disqualification of my firm from eligibility for providing goods and services to the Peralta Community College District for a period not to exceed five (5) years

2. I acknowledge and have been advised and hereby agree that my firm will be required to provide proof (and if applicable, my SLBE and SELBE Subcontractors will provide proof) of the status claimed on this self-certification affidavit 48 hours after bid opening. Proof of status claimed includes tax returns from the previous three years and past contracts to determine the size and geographical location of my firm.

3. I declare that the above provisions are attested to under penalty of perjury under the laws of the State of California.

Bid Number: _________________   Bid Name: ____________________________________

Signed
Printed or typed name

Date
Title

Name of Company
Telephone
Fax
VENDOR’S QUESTIONNAIRE AND CERTIFICATE BY COMPLIANCE

The following information is requested for information purposes only. It will not be used in determining bid award.

Date

Firm Name  Telephone

Business Fax  Email Address  Website

Street Address  City/State  Zip Code+ 4®

Mailing Address  City/State  Zip Code + 4®

Type of Organization (Check one)  Individual  Partnership  Corporation

Name of Owner(s)  State of Incorporation (if applicable)

Name of Partners  (I) Indicate  (G) General  (L) Limited

Local Address

Amount of Annual Business

The District is identifying vendor ownership as follows:

<table>
<thead>
<tr>
<th>Type of Vendor</th>
<th>Total #</th>
<th>% of assets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian-American (Chinese, Japanese, Korean, Vietnamese)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black or African-American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filipino</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latino (other than Mexican or Mexican-American)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mexican or Mexican-American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Native-American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pacific Islander, other Asian</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disabled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veteran</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subcontractor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apprentice</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The District is identifying vendor workforce as follows:

<table>
<thead>
<tr>
<th>Type of Vendor</th>
<th>Total #</th>
<th>% of assets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian-American (Chinese, Japanese, Korean, Vietnamese)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black or African-American</td>
<td></td>
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<tr>
<td>Filipino</td>
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<tr>
<td>Latino (other than Mexican or Mexican-American)</td>
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<tr>
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<tr>
<td>Pacific Islander, other Asian</td>
<td></td>
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<tr>
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<tr>
<td>Disabled</td>
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<tr>
<td>Veteran</td>
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<td>Women</td>
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<td>Subcontractor</td>
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<td>Employee</td>
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<tr>
<td>Apprentice</td>
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</tbody>
</table>

Attachment 9, Page 1 of 2
Explain whether current workforce is racially and ethnically proportionate to the area from which the workforce is drawn (national, state, or local). Use separate sheet if necessary.

<p>| | |</p>
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</table>

Detail steps taken by vendor since inception to assure non-discriminatory recruiting, hiring, and apprenticeship, placement, promotion, demotion, layoff and termination practices. Use separate sheet if necessary.

<p>| | |</p>
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<tbody>
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</table>

What are you interested in providing the District? (e.g., construction, consulting, goods or services).

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
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</tbody>
</table>

| **Main Headquarters Office(s)** | 1. |
| Address/Telephone | 2. |
| (List all as applicable) | 3. |

**Total # of Employees _____**

| **Local Office(s) Address/Telephone** | 1. |
| (List all as applicable) | 2. |
| 3. |

**Total # of Employees _____**

| **Name and list residential zip code for each employee, subcontractor, or apprentice for awarded contract** | 1. |
| (Please use the Zip+4®) Use separate sheet as necessary | 2. |
| 3. |
| 4. |
| 5. |
| 6. |
It is the policy of the Peralta Community College District (Board Policy 2.40, Environmental Sustainability), to purchase products or services that help to minimize the adverse effects on human health and the environment, when compared to other products and services that serve the same purpose with comparable efficacy. The District recognizes that environmentally responsible purchasing will help create and sustain markets for environmentally sustainable products, and is committed to encouraging the procurement of products with high recycled content, FSC certified lumber, Energy Star rated equipment, low and no VOC paints, low-toxicity cleaning supplies and Green Seal approved chemicals, and will promote contracting with businesses in close proximity, to reduce our carbon footprint and to promote the District's SLBE program.

For Operation and Construction services the District is committed to:

- **Utilizing LEED (Leadership in Energy and Environmental Design) or equivalent certification criteria as follows:**
  - All new building projects shall qualify for at least LEED NC Silver certification and shall strive for higher levels of certification, especially where overall long-term building operations, student learning, and worker productivity savings can be realized through doing so.
  - All renovation projects over 10,000 square feet shall meet basic “LEED Existing Building” certification standards.
- **Maximizing energy efficiency** throughout the District, in particular, heating, cooling, lighting, information technology, mechanical, and water systems. It is the goal of the District to reduce dramatically our energy consumption for existing buildings and for all new buildings to exceed the State of California Building Code Title 24 energy efficiency requirements by no less than 35%.
- **Reduction of water consumption** for all uses, including for irrigation and domestic purposes.
- **Waste source reduction** and the re-use of materials. The District encourages all contractors to re-use and recycle as much construction and demolition debris as possible, and only when it is not feasible to do so, dispose of it in a landfill. All contractors must adhere to the District's Construction Debris Reporting Requirements.
- **Sustainable landscaping and grounds design**, construction and maintenance practices which promote integrated pest management and use of drought tolerant, fire safe, and native vegetation types.

All public work projects must adhere to the District Environmental Sustainability Policy 2.40. The formal policy is available for download at www.peralta.edu; click on the District Services Center tab and then Purchasing to view the environmentally sustainable purchasing policy.

**Signature**

I acknowledge and agree to adhere to the District’s Environmental Sustainability policy.

Contractor Name: _______________________  Title: _______________________________

Authorized Signature: ________________________  Date: ________________
CERTIFICATE REGARDING WORKERS' COMPENSATION

Labor Code Section 3700 in relevant part provides:

"Every employer except the State shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.

(b) Be securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees."

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract and will require all subcontractors to do the same.

___________________________________________
Contractor

By: _______________________________________

(In accordance with Article 5 [commencing at Section 1860], Chapter 1, Part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any work under this Contract.)
Statement of Equal Employment Opportunity

I hereby certify that ________________________________________________________

(Legal Name of Vendor/Consultant/Contractor)

Will not discriminate against any employee or applicant for employment because of race, creed, sex, color or national origin and shall insure compliance with all provisions of Executive Order No. 11246 (as amended by Executive order No.11375).

The vendor’s questionnaire requests information for record keeping purposes only. The information requested will not be used as a basis for contract award.

However, after a contract is awarded to your company, the District requires your company to report:

a. Actual racial, gender and residential workforce composition of your company for the contract work.
b. Actual racial, gender and residential workforce composition of subcontractors for the contract work.
c. Number of apprenticeship workforce for the contract work.

This report must be submitted to the District Department of General Services on a quarterly basis.

I declare under penalty of perjury under the laws of the state of California that the information I have provided herein is true and correct and is of my own personal knowledge.

BY: __________________________________________

Date

Print Name
PERFORMANCE BOND

Know all men by these presents, that

WHEREAS, Peralta Community College District (hereinafter DISTRICT), at a regular Business Meeting on ______________________, have awarded to ________________________________, hereinafter designated as the Principal, a contract for _____________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________

and

_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________

WHEREAS, said Principal is required under the terms of said contract to furnish a bond for the faithful performance of said contract;

NOW, THEREFORE, We, the Principal and

__________________________________, as Surety, are held and firmly bound unto the Peralta Community College District, hereinafter called the DISTRICT, in the penal sum of ____________________________________________DOLLARS ($______________________ ) lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The condition of the obligation is such, that if the above bounden Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the said contract and any alteration thereof made as therein provided, on his or their parts to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless DISTRICT, its officers and agents, as therein stipulated, then this obligation shall become null and void. Otherwise it shall be and remain in full force, virtue, and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the specifications accompanying the same shall in any wise affect its obligations on this bond, it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

In the event suit is brought upon this bond by the District and judgment is recovered, Surety shall pay all costs incurred by the District in such suit, including reasonable attorney’s fees to be fixed by the court.

Surety further agrees that death of the Contractor shall not relieve the surety of its obligations hereunder.

In witness whereof, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named on the ________ day of ______________________, 20__.
(To be signed by Principal and Surety
and acknowledgment and notary seal to be attached.)

Principal

By ________________________________

Title ________________________________

Surety

By ________________________________

Title ________________________________

The above bond is accepted and approved this _________ day of
__________________________________________, 20__.

By: ____________________________________
   Authorized District Signature

Required attachment: County Clerk’s Certificate pursuant to CCP section 995.640 or confirming information from Department of Insurance website within seven days before contract submittal.
PAYMENT BOND

Know all men by these presents: that

WHEREAS, Peralta Community College District (hereinafter “DISTRICT”) and

hereinafter designated as the "Principal", have entered into a contract for the furnishing of all materials, labor services and transportation necessary, convenient, and proper which said Agreement dated and all of the contract documents attached to or forming a part of said Agreement, are hereby referred to and made a part hereof, and

WHEREAS, pursuant to law, the Principal is required before entering upon the performance of the work, to file a good and sufficient bond with the body by whom the contract is awarded, Sections 3247 to 3252, inclusive, of the Civil Code of California.

NOW, therefore, these presents witnesseth:

That the said Principal and the undersigned __________________________________________
__ ________________________________, as corporate surety, are held and firmly bound unto all laborers, materialmen, and other persons referred to in said statutes in the sum of ______________________
_________________________________________________ DOLLARS ($ _________________), lawful money of the United States, by the terms of said contract, for the payment of which sum will and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally by these presents.

The condition of this obligation is that if the said Principal or any of his or its subcontractors, or the heirs, executors, administrators, successors, or assigns of any, all or either of them shall fail to pay for any materials, provision, provendor or other supplies or teams used in, upon, for, or about the performance of the work contracted to be done, or for any work or labor hereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, or for any of the persons named in Section 3181 of the California Civil Code, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board from the wages of employees of the Principal or any of his or its subcontractors pursuant to Section 18806 of the Revenue and Taxation Code with respect to such work or labor, that said Surety will pay the same in amount not exceeding the amount hereinabove set forth, and also, in case suit is brought upon this bond, will pay reasonable attorneys' fees to be awarded and fixed by the court and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under Section 3181 of the California Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of said contract or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

In witness whereof, this instrument has been duly executed by the Principal and Surety this _________________ day of ____________________.

(To be signed by Principal and Surety and acknowledgment and notary seal to be attached.)

PRINCIPAL
By _____________________________________________
TITLE __________________________________________

SURETY
By _____________________________________________
TITLE __________________________________________

The above bond is accepted and approved this

_________________________________________ day of __________________, 20___.

By ______________________________________________
Authorized District Signature

Required attachment: County Clerk’s Certificate pursuant to CCP section 995.640 or confirming information from Department of Insurance website within seven days before contract submittal.
THIS CONTRACT is made by and between the Peralta Community College District, hereinafter called the District, and ______________________________, hereinafter called the Contractor.

The District and the Contractor hereby agree as follows:

1. Description of Work

The Contractor agrees to furnish all labor, materials, equipment, plant, tools, supervision, appurtenances, and services, including transportation and utilities, required to perform and complete

The Contract Documents consist of the Contract, any Amendment to Contract, Technical Specifications and Drawings, Supplementary General Conditions, General Conditions, Instructions to Bidders, Notice Inviting Bids, Bid Form, all addenda, completed bond and insurance forms, completed Bidder's Questionnaire, and

All Contract Documents are intended to coordinate so that any work called for in one document and not mentioned in another document is to be executed as if mentioned in all documents.

2. Compensation

As full compensation for the Contractor's complete performance of the work in this Contract, the District agrees to pay the Contractor, and the Contractor agrees to accept the sum of ______________________________ which shall be paid to him according to the General Conditions Article on "Payments".

3. Prevailing Wages

As required by Labor Code Section 1773.2, the District has in its office the general prevailing rate of per diem wages for workers employed on public works as determined by the Director of Industrial Relations. This document shall be available to any interested party on request during regular business hours and shall be posted at the job site by the Contractor.

4. Time for Completion

The starting date of the Contract shall be the day listed by the District in the Notice to Proceed and the Contractor shall fully complete all the work before the expiration of ___ (See the Invitation for Bid cover page for Project Duration) calendar days from said starting date.

Time is of the essence in the performance of this Contract.

Liquidated damages for Contractor's failure to complete the Contract within the time fixed for completion are established in the amount of ___ (See the Invitation for Bid cover page for Liquidated Damages figure) per calendar day.
5. Contractors' State License Board

Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P. O. Box 26000, Sacramento, California 95826.

IN WITNESS WHEREOF, the parties to these present have set their hands hereto on the day and year written below.

District ____________________________ Contractor ____________________________

Resolution No. ________________ (Contractor License No. and Expiration Date)

Date ____________________________ By ____________________________

Individual Signature

Title ____________________________ Date ____________________________

Approved As to Form

By: ____________________________ For: ____________________________

Legal Counsel Corporation or Partnership

Date ____________________________ If Corporation, Seal Below.

Date ____________________________
Bid Protest Procedures

Any Bidder submitting a Bid Proposal to the District may file a protest provided that each and all of the following are complied with:

(i) The bid protest is relevant and in writing;

(ii) The bid protest is filed and received by the District’s Purchasing Manager not more than five (5) calendar days following the date of the bid opening;

(iii) The written bid protest sets forth, in detail, all grounds for the bid protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest; any matters not set forth in the written bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and creditable evidence.

Any bid protest not conforming to the foregoing shall be rejected by the District without recourse.

Provided that a bid protest is filed in strict conformity with the foregoing, the District’s Vice Chancellor of General Services or such individual(s) as may be designated by him/her, shall review and evaluate the basis of the bid protest and make a determination.

If the determination is unacceptable to the bid protestor, the Chancellor shall review and evaluate the basis of the bid protest and make a secondary determination.

If the bid protestor chooses to appeal the Chancellor’s determination, the District’s Board of Trustees will render a final determination and disposition of a bid protest by taking action to adopt, modify or reject the disposition of a bid protest. Action by the District’s Board of Trustees relative to a bid protest shall be final and not subject to appeal or reconsideration by the District, any employee or officer of the District or the District’s Board of Trustees.

In the event that any legal or equitable proceedings are instituted and the District is named as a party thereto, the prevailing party(ies) shall recover from the other party(ies), as cost, all attorneys’ fees and cost incurred in connection with any such proceeding, including any appeal arising there from.
Peralta Community College District

Construction Debris Reporting Requirements

The District is committed to Environmental Sustainability as a matter of public policy and to the greatest extent possible reducing its ecological footprint. The District encourages all contractors to re-use and recycle as much construction and demolition debris as possible, and only when it is not feasible to do so, dispose of it in a landfill. Per State Law AB75, on an annual basis the District is required to report all re-use, recycle, and garbage disposal tonnage to the State of California.

As a condition for the completion of the construction project, the contractor must report all re-use, recycling, and disposal of construction materials at the completion of the project (or annually by January 31st of the following year if the project’s completion is more than one calendar year). The contractor may use the below form to report to the District all construction debris off-hauled from the District’s construction site, or may submit the below required information on the contractor’s letterhead. This form must be submitted by January 31st to the District at: Peralta Community College District, Department of General Services, 333 East 8th Street, Oakland, CA, 94606, Attention Facilities Project Coordinator

Construction Debris Reporting for: January 1, 20____ to December 31, 20____.

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Re-use (Tons)</th>
<th>Recycle (Tons)</th>
<th>Garbage Disposal (Tons)</th>
<th>Proposed Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Concrete</td>
<td></td>
<td>45</td>
<td></td>
<td>ABC Concrete Recycling Company</td>
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</table>

I declare under penalty of perjury under the laws of the State of California that the above information is true and correct.

Signed

Printed or Typed Name

Project Number: _____________________________ Project Name: _____________________________

Total

Date

Title

Name of Contractor

Telephone

Fax

Attachment 17
Construction Protocol Procedures

Director of Physical Plant:
1. Notify College Business Officer (in writing) at least 2 weeks in advance of any work to be done on campus, including dates, times, locations of work; provide name and cell phone # of project manager.

2. Receive from College Business Officer (in writing) a list of concerns, issues, problems that need to be addressed/taken into account as well as a list of faculty members and departments that will be affected by each project.

3. Collect/withhold an indemnity amount from the contractor for unanticipated cleaning costs, repairs, and replacement of any furniture, equipment, tools, etc. lost, damaged, or destroyed as a result of construction.

4. Direct the Project Manager to personally meet with the College Business Officer and faculty involved/affected with each project and sign-off on plan of operations.

5. Notify the faculty (in writing) that it is not their responsibility to clean, store, remove, replace, any equipment, furniture, tools, etc.

College Business Officer:
1. Notify the faculty (in Writing) of any construction projects (including dates, times, locations) that will take place in their area.

2. Meet with the faculty to gather their concerns, issues, problems, and convey those (in writing) to the Vice Chancellor of General Services and the Project Manager; also convene a meeting with the Project Manager to convey these concerns in person.

3. Notify (in writing) the appropriate Dean(s) and the VP of Instruction of any needs to find alternate space for storage, equipment, furniture, tools, classrooms.

4. Notify (in writing) Locals 790 and 39 of the impending project and the need to remove, store, replace, protect, and clean as well as whatever is needed in the way of establishing alternate workspaces.

5. Convey all of the above information to the Director of Physical Plant and the Project Manager.

Project Manager:
1. Needs to meet on campus, on site, with the affected faculty to be sure all of the college’s concerns have been addressed, understood, and agreed to in a written plan of operations; the written plan should be given to the contractor and the Vice Chancellor of General Services.

2. No project should begin without a written plan that has not been signed by the VP of Instruction, Academic Dean, College Business Officer, Faculty/Department Chair(s), Project Manager, Contractor, and Director of Capital Projects.
Peralta Community College District

FINAL CLEANING REQUIREMENTS

PART 1 - GENERAL

1.01 SUMMARY

A. The contractor is responsible for daily cleanup and a final cleaning prior to occupancy. This section only addresses the final cleaning required prior to punchlisting and occupancy.

B. Cleaning Program:
   1. The cleaning program shall include all construction areas and surrounding areas affected by the construction including site, exteriors of buildings / structures, roofs and interior of buildings.
   2. The areas to be cleaned shall be turned over to the owner in a "move-in" condition.
   3. All areas shall be free of all construction materials, dust, debris, markings and dirt.
   4. All surfaces shall be washed, cleaned and cleared of markings.
   5. All existing and new fixtures shall be cleaned, sanitized and ready for use.
   6. All new and existing hard surface floors will be stripped and waxed.

1.02 PROJECT CONDITIONS

A. Environmental Requirements: Conduct cleaning and waste-disposal operations in compliance with PCCD Construction Debris Reporting Requirements.

B. Comply fully with Federal and local environmental and antipollution regulations.
   1. Do not dispose of volatile wastes, such as mineral spirits, oil, or paint thinner, in storm or sanitary drains.
   2. Burning or burying of debris, rubbish, or other waste material on the premises is not permitted.

PART 2 - PRODUCTS

2.01 MATERIALS AND METHODS

A. Use cleaning materials and methods which will not create hazards to health or property or cause damage to products and which are recommended by manufacturers of products to be cleaned.

PART 3 - EXECUTION

3.01 FINAL CLEANING

A. General: Provide final cleaning operations. Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit of Work to the condition expected from a commercial building cleaning and maintenance program. Comply with manufacturer's instructions.

B. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for the entire Project or a portion of the Project.
   1. Clean the Project Site, yard and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and foreign substances.
   2. Sweep paved areas broom clean. Rake grounds that are neither planted nor paved to a smooth, even-textured surface.
   3. Remove petrochemical spills, stains, and other foreign deposits.
   4. Remove tools, construction equipment, machinery, and surplus material from the site.
5. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.
6. All walls not newly painted shall be washed to clean readily removable dirt, markings, dust, and grime.
7. Remove debris and surface dust from limited access spaces, including roofs, attics and similar spaces.
8. All existing floors shall be thoroughly stripped of old wax and have at least four (4) coats of a combination wax/sealer, or two (2) coats of sealer and four (4) coats of wax. Contractor shall submit for prior approval manufactures information on floor finish to be applied. All new floors shall have their factory seal stripped off and shall have a floor finish applied according to the recommendations of the manufacturer.
9. New carpeted areas shall be thoroughly vacuumed, including edges. Any spotting during construction shall be removed. Existing carpeted areas shall be thoroughly shampooed.
10. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other substances that are noticeable vision obscuring materials. Replace chipped or broken glass and other damaged transparent materials. Polish mirrors and glass, taking care not to scratch surfaces. Clean interior and exterior of all windows.
11. Clean all Toilet Rooms thoroughly and sanitized. All wall surfaces shall be free of grime, dirt, dust, markings and graffiti. All mirrors, fixtures, and partitions will be cleaned free of dirt and markings.
12. Scrub and seal all ceramic and terrazzo floors and walls.
13. Remove labels that are not permanent labels.
14. Touch up and otherwise repair and restore marred, exposed finishes and surfaces. Replace finishes and surfaces that cannot be satisfactorily repaired or restored or that already show evidence of repair or restoration.
15. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
16. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure.
17. Replace disposable air filters and clean permanent air filters. Clean all exposed surfaces of diffusers, registers, and grilles.
18. Clean ducts, blowers, and coils if units were operated without filters during construction.
19. Clean light fixtures, lamps, globes, and reflectors to function with full efficiency. Replace burned out bulbs; defective and noisy starters in fluorescent fixtures, and defective dimming switches.
20. Leave the Project clean and ready for occupancy.

C. Removal of Protection: Remove temporary protection and facilities installed during construction to protect previously completed installations during the remainder of the construction period. Repair any damage from removal.

D. Compliances: Comply with governing regulations and safety standards for cleaning operations. Remove waste materials from the site and dispose of lawfully.
1. Where extra materials of value remain after completion of associated Work, they become the Owner's property. Dispose of these materials as directed by the Owner.

End of Section
POST BID INTERVIEW

BIDDER:

I. INTRODUCTIONS:

A. Present ___________________ _______________________
   __________________________
   __________________________
   __________________________
   __________________________

II. PROPOSED CONTRACT:

ADDENDUM NO.

III. PURPOSE OF INTERVIEW IS TO ASSURE:

A. Contractor acknowledgment of a complete and accurate bid.
B. Contractor submission of a fair and equitable bid.
C. Fair comparisons of bid.

IV. CONTRACTUAL REQUIREMENTS:

A. Do you understand you are a prime contractor? Yes□ No□
B. Can you meet the specified insurance requirement of $8M GL, WC, $1MAuto and Builders Risk (contract amount) Yes□ No□
C. Are you a union company? Yes□ No□
D. Are you a SLBE or SELBE? Yes□ No□
   If so in what county, city, state ________________________________
E. Are any of your subtier contractors SLBE or SELBE? Yes□ No□
   If so in what county, city, state ________________________________
F. You are required to obtain a Performance, and a Labor and Material Bond for 100% of the Contract price
   1. Will you provide bonds as stipulated? Yes□ No□
   2. Cost for bond: % Yes□ No□
   3. Is your insurance company California licensed? Yes□ No□
J. Acknowledged Receipt of Addenda Number ______________________
K. Acknowledged Receipt of Pre-Bid Clarification Questions Yes□ No□
L. Additive and deductive costs for alternate items included in your proposal? Yes□ No□
M. Unit pricing and Allowances included in your proposal? Yes□ No□

Who in your office is in charge of submitting the required Insurance and Bonds

Name ___________________________ Date ___________________________
V. SCOPE OF WORK:

A. You have a complete understanding of your Scope of Work under the proposed Agreement and the Scope of Work (attached) Yes □ No □

B. You are required to have the following personnel:
   1. Safety Coordinator w/sole responsibility to coordinate, report and enforce safety Yes □ No □
   2. Scheduling personnel or independent scheduler Yes □ No □
   3. Custodial cleanup services besides base- bid final cleaning Yes □ No □
   4. Commissioning Coordinator (to be brought in at the start of Construction to the final completion Yes □ No □
   5. Independent Testing and Balancing Contractor for HVAC Yes □ No □
   6. Independent Contractor for Indoor Air Quality Testing Yes □ No □
   7. Certified Arborist Yes □ No □

C. You have re-reviewed the documents and understand the Scope of the Work. Are there any items that need to be identified or require clarification? Yes □ No □

If yes, please identify item.

1. ______________________________________________________________
2. ______________________________________________________________
3. ______________________________________________________________
4. ______________________________________________________________

Is (are) the cost(s) for items listed above included in your proposal items? Yes □ No □

C. Review bid alternatives (if applicable) Yes □ No □

D. Review unit pricing Yes □ No □

E. Review allowances Yes □ No □

F. Are you offering any unsolicited alternates? Yes □ No □

1. ______________________________________________________________
2. ______________________________________________________________
3. ______________________________________________________________

G. Are the plans and specifications clear and understandable to your satisfaction? Yes □ No □

VI. VALUE ENGINEERING: (describe) BASE BID: $ ______________

1.  ____________________________________________________________________ Add / Deduct

2.  ____________________________________________________________________ Add / Deduct

______________________________________________________________________
VII. SCHEDULE:

A. Do you acknowledge and agree to the stipulated completion dates and milestones in the Contract?  

   Yes ☐  No ☐

   1. Will you provide a detailed construction schedule at the Preconstruction Conference per Section 01320 per the Contract?  

      Yes ☐  No ☐

   2. It is understood the Project schedule is critical. Can you accelerate any and all schedule activities if the requirement occurs?  

      Yes ☐  No ☐

      If not, what must change and why? _____________________________

      _____________________________

      _____________________________

B. Identify critical materials, deliveries and dependencies, including Owner Furnished items that could affect the completion of your work.

   1. _______________________________________________________

   2. _______________________________________________________

   3. _______________________________________________________

C. You have reviewed the Contract and you understand your work must be completed in accordance with the Project Schedule. You further understand Construction Manager MAY assess liquidated damages if you fail to meet the Master Schedule requirements. You further understand delays by you may cause other contractors to be delayed, and that you WILL accelerate your work upon written direction by the Construction Manager.
VIII. CONTRACTOR COMMENTS / SUGGESTIONS:
1. ____________________________________________________________________
2. ____________________________________________________________________
3. ____________________________________________________________________

IX. CONTRACTOR

NOTE: You agree the information contained herein is part of your contractual obligations. Your signature acknowledges your agreement to perform all work discussed herein, and that costs for all work are included in your proposal.

The foregoing information is true and accurate, and I am authorized to sign as an officer of the company I am representing.

Company Name ________________________________________________________________
Signature: ___________________________ Title: _____________
Date: ___________________________ 

X. DISTRICT PROJECT/CONSTRUCTION MANAGER

Signature: ___________________________ Title: _____________
Date: ___________________________ 

END OF SECTION
Peralta Community College District

Scope of Work

Bid No.: 11-12/08 - Library/Learning Resource Center Roof Replacement at Merritt College

This is a Public Works project and will require payment of prevailing wages. At the time of the bid opening, Bidders shall possess and maintain a valid California Contractor’s license, Class C-39, throughout the duration of the project. The District reserves the right to reject all bids, in whole or in part.

This project comprises the removal of existing roofing, insulation and related flashing to substrate, including inspection of existing deck and related areas for abnormalities. In accordance to this bid and specifications, the Vendor shall:

- Furnish and install two new layers of insulation and multi-ply BUR system.
- Provide and install new flashings at walls, penetrations, projections and drains.
- Furnish and install new flashings at support bases on platforms and related areas as well as provide proper roof protection system under all existing cable trays for cell site equipment and the installation of white aggregate “Cool Roof” surfacing system.

The following Drawings are included as part of this bid:

- Merritt College Library/Resource Center - Roof Plan

The following specifications are incorporated as part of this bid:

- Section 00700 General Conditions
- Section 01005 Special Requirements
- Section 01020 Allowances
- Section 01030 Alternates
- Section 01250 Contractor’s Request For Information
- Section 01300 Submittals
- Section 01505 Construction and Demolition Waste Management
- Section 01730 Operating and Maintenance Data
- Section 01732 Selective Demolition
- Section 06105 Miscellaneous Carpentry
- Section 07190 Waterproofing – Coping Stone Waterproofing
- Section 07620 Sheet Metal Flashing
Peralta Community College District

GENERAL CONDITIONS - 00700

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ARTICLE 1 - GENERAL PROVISIONS

1.01 THE CONTRACT DOCUMENTS

A. The Contract Documents consist of the Bid Documents (as defined in the Instructions to Bidders), Agreement, and Conditions of the Contract, Drawings, Specifications, Addenda, other documents listed in the Agreement, and Modifications issued after execution of the Contract. The Conditions of the Contract include these General Conditions and related documents.

B. Where provisions of the General Conditions relate to Project administration of work-related requirements of the Contract, some of those paragraphs are expanded in Division 1 - General Requirements of the Specifications.

C. Bidding Documents, Conditions of the Contract, and Division 1 - General Requirements contain information necessary for completion of every part of the Project and are applicable to each Section of the Specifications.

1. Where items of Work are done under subcontracts, each item shall be subject to these conditions.

1.02 THE CONTRACT

A. The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by a written Modification executed by the parties hereto.

B. The Contractor’s signing of the Contract signifies its acceptance of the time limits as being sufficient for completion of the Work, as well as acceptance of the other terms and conditions of the Contract Documents.
1.03 BASIC DEFINITIONS OF TERMS USED IN THE CONTRACT DOCUMENTS

A. Basic Definitions of Terms Used in the Contract Documents:

1. **Addenda**: Written or graphic instruments issued prior to the opening of Bids which make changes, additions or deletions to the Bid Documents or the Contract Documents.

2. **Accepted, Approved**: Accepted or approved, or satisfactory for the Work, as determined in writing by the District, unless otherwise specified. Where used in conjunction with the District’s response to submittals, requests, applications, inquiries, and reports by the Contractor, the term "approved" shall be held to limitations of the District's responsibilities and duties as specified in the Conditions of the Contract. In no case shall the District's approval be interpreted as a release of the Contractor from its responsibilities to fulfill the requirements of the Contract Documents.

3. **Approved Equal, Accepted Equal**: Approved in writing by the District as being of equivalent quality, utility and appearance. Equivalent means equality in the opinion of the authorized District representative. The burden of proof of equality is the responsibility of the Contractor.

4. **Agreement**: The Agreement or Contract between the District and the Contractor covering the Work to be performed; other Contract Documents are attached to the Agreement and made part thereof as provided herein.

5. **Architect**: The person holding a valid state Architect’s license, Whose firm has been designated within the Contract Documents as the Architect of Record to provide architectural services on this Project.

6. **As Required**: In accordance with the requirements of the Contract Documents.

7. **By Others**: Work on this Project that is outside the scope of Work to be performed by the Contractor under this Contract, but that will be performed by the District or other contractors, or other means or at other expense.

8. **PCCD**: Peralta Community College District, Owner, District.

9. **Change Order**: A written instrument prepared by the District and signed by the District and the Contractor, stating their agreement upon all of the following (1) a change in the Work; (2) the amount of the adjustment in the Contract Sum, if any; and (3) the extent of the adjustment in the Contract Time, if any, issued after the effective date of the Agreement.

10. **Clarification**: A document consisting of supplementary details, instructions or information issued by the District which clarifies or supplements the
Contract Documents and becomes a part of the Contract Documents. Clarifications do not constitute a change in Contract Sum or an extension of Time except as otherwise approved by the District. Clarifications will be issued through the Request for Information (RFI) administrative system.

11. Concealed: Work not exposed to view in the finished Work, including within or behind various construction elements.

12. Construction Manager: An independent consultant hired by the District to monitor, manage the construction work on behalf of the District.

13. Contract: The legally binding agreement between the Owner and the Contractor, wherein the Contractor agrees to furnish the labor, materials, equipment, plant and appurtenances required to perform the work described in the Contract Documents, and the Owner agrees to pay the Contractor for such work.


15. Contract Sum: The sum stated in the Agreement and, including authorized adjustments, the total amount payable by the District to the Contractor for the performance of the Work under the Contract Documents.

16. Contractor: The person or entity holding a valid Contractor’s License in the state of California with whom the District has executed the Agreement and is identified as such therein and referred to throughout the Contract Documents as if singular in number and neuter in gender. The term "Contractor" means the Contractor or its authorized representative.

17. Day: Calendar day, of 24 hours, measured from midnight to the next midnight, unless otherwise specifically stipulated.

18. Defective Work: Work that is unsatisfactory, faulty, or deficient, that does not conform to the Contract Documents or the general standards of workmanship of the particular industry or trade; that fails to perform to the reasonable expectation of the ultimate user, or that does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Contract Documents; or work that has been damaged prior to the filing of the Notice of Completion by the District.

19. Delivery: In reference to any item specified or indicated shall mean to unload and store with proper protection at the Project site.

20. Designated, Determined, Directed: Required by the District, unless otherwise specified.

21. District: The Peralta Community College District, its Board of Trustees, and its Chancellor.
22. **District-Furnished, Contractor-Installed**: Items furnished and paid for by the District for installation by the Contractor pursuant to the Contract Documents.

23. **Drawings**: The graphic and pictorial portions of the Contract Documents, wherever located and whenever issued, showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules and diagrams.

24. **Effective Date of the Agreement**: The date indicated in the agreement on which it was executed, but if no such date is indicated it shall mean the date on which the agreement is signed and delivered by the last of the two parties to sign and deliver.

25. **Exposed**: Work exposed to view in the finished Work, including behind louvers, grilles, registers and various other construction elements.

26. **Furnish or Supply**: Purchase and deliver to the Project site, including proper storage only; no installation is included. The term "furnish" also means to supply and deliver to the Project site.

27. **Indicated or As Shown**: Shown or noted on the Drawings or written in the Specifications, whichever is more restrictive.

28. **Inspector of Record**: The person responsible for inspection of the work during fabrication and construction. Acts under the direction of the Architect but is responsible to the District and the Division of the State Architect, Structural Safety Section.

29. **Install**: Apply, connect or erect items that have been furnished; furnishing or supplying is not included. The term "install" also describes operations at the Project site, including the actual unloading, unpacking, assembly, erection, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, and similar operations.

30. **Installer**: The "installer" is the person engaged by the Contractor, its subcontractor or sub-subcontractor for performance of a particular element of construction at the Project site, including installation, erection, application and similar required operations. It is a requirement that installers are experienced and licensed in the operations they are engaged to perform.

31. **Modification**: (a) A written amendment to the Contract signed by both parties, or (b) a written Change Order, or (c) a written order for a change in the Work (Unilateral Change Order and Force Account Change Order) issued by the District after the effective date of the Contract.

32. **Notice to Proceed**: The written notice issued by the District to the Contractor authorizing the Contractor to proceed with the Work and establishing the date of commencement of the Contract Time.
33. Notice of Completion: The legal document filed by the District, with the Division of the State Architect, after the Project has been fully completed as required by the contract documents.

34. Division of the State Architect (DSA): The enforcement arm of the Division of the State Architect, having jurisdiction over school building construction projects in lieu of the local building department.

35. Owner: The Peralta Community College District ("PCCD" also referred to herein as "District") identified as such in the Agreement and referred to throughout the Contract Documents as if singular in number. The term "Owner" means the District, its governing board, employees, and its authorized agents or representatives. Also referred to as "District."

36. Partial Occupancy: The stage in the progress of the Work when the District finds the Work or designated portion thereof sufficiently complete in accordance with the Contract Documents to occupy and utilize the Work for its intended use.

37. Progress Report: A periodic (monthly, weekly, etc.) report submitted by Contractor to Owner with progress payment invoices comparing actual work accomplished to the Project Schedule. See Section 9.03 F of the GENERAL CONDITIONS titled PROGRESS PAYMENT. All reports to be verified as per Sections 4-335, 4-336, 4-337 and 4-343 of PART 1 of Title 24 of the California Code of Regulations.

38. Project: The Peralta Community College District Project and adjacent areas as indicated elsewhere in the Contract Documents.

39. Project Completion: Project Completion shall be the date of such acceptance of the Work by the District, as provided under California Civil Code Section 3086, when the Contract has been performed, including all remedial (punch-list) items, and when all contractual requirements are fulfilled.

40. Provide: Furnish and install or supply and install complete in place at the site.

41. Punch List: A list of corrections, replacements, installations, or touch-ups prepared by the Architect with the assistance of the Inspector of Record and issued to the Contractor with the Notice of Substantial Completion.

42. Regular Working Hours: 7:00 a.m. to 5:30 p.m., Monday through Friday, except District legal holidays and as allowed in Division 1.

43. Request for Change (RFC): See paragraph 2.06A and 2.07.

44. Request for Information (RFI): A document prepared by the Contractor or District requesting information from one of the parties regarding the
Project or Contract Documents. The RFI system is also a means for the District to submit Contract Document clarifications or supplements to the Contractor.

45. School Building: Any building used for community college purposes and built according to the California State Building Code containing the regulations of the Division of the State Architect, Division of the State Architect/Structural Safety Section covering the construction of public schools.

46. Site or Project Site: Geographical location of the Project as shown elsewhere in the Contract Documents.

47. Specifications: The written portion of the Contract Documents, which includes requirements for materials, equipment, construction systems, standards and workmanship for the Work, and performance of related services.


49. Subcontractor: A person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and neuter in gender and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a separate contractor or subcontractors of a separate contractor.

50. Substantial Completion: The Work has progressed to the point where, as evidenced by the Certificate of Substantial Completion issued by the District, it is sufficiently complete in accordance with the Contract Documents as deemed by the District so that the entire Project could be occupied for the intended purpose and the Work utilized for its intended purpose.

51. Work, The Work: The excavation, construction and services required by the Contract Documents and provided to the Project site.

1.04 EXECUTION, CORRELATION AND INTENT

A. The intent of the Contract Documents is to include all labor and materials necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all; performance by the Contractor shall be required to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the intended results.

B. Arrangement and titles of Drawings, and organization of the Specifications into divisions, sections and articles in the Contract Documents shall not be construed as segregation of the various units of material and labor, and shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade. The Contractor may arrange and
delegate its Work in conformance with trade practices and shall be responsible therefore. The District assumes no liability arising out of jurisdictional issues raised or claims advanced by trade organizations or other interested parties based on the arrangement or manner of subdivision of the content of the Drawings and Specifications. The District assumes no responsibility to act as arbiter to establish subcontract limits between any portions of the Work, but the District shall be promptly advised of obstacles encountered which might in any way affect the timely prosecution of the Work.

C. In interpreting the Contract Documents, words describing materials or Work with a well-known technical or trade meaning, unless otherwise specifically defined in the Contract Documents, shall be construed in accordance with such well-known meaning.

D. A typical or representative detail on the Drawings shall constitute the standard for workmanship and material throughout corresponding parts of the Work. Where necessary, and where reasonably inferable from the Drawings, the Contractor shall adapt such representative detail for application to such corresponding parts of the Work. The details of such adaptation shall be subject to prior approval by the District. Repetitive features shown in outline on the Drawings shall be in exact accordance with corresponding features completely shown.

E. If a conflict exists in the Contract Documents regarding the quality of a product, the highest quality product shall be provided as determined by the District.

F. The layout of mechanical and electrical systems, equipment, fixtures, piping, ductwork, conduit, specialty items, and accessories on the Drawings is shown in diagrams and symbols to illustrate the relationships existing between the parts of the Work, and all variations in alignment, elevation, and detail required to avoid interference and satisfy architectural and structural limitations are not necessarily shown. If rerouting, i.e. relocating a duct, pipe, conduit or similar utilities from the indicated room or space to another room or space to avoid structural interference, causes an increase in linear footage which exceeds 25% of the indicated route if the structural interference did not exist, then the Contractor will be compensated for the amount in excess of 25% under the provisions for Change Orders of Article 7. Actual layout of the Work shall be carried out without affecting the architectural and structural integrity and limitations of the Work and shall be performed in such sequence and manner as to avoid conflicts; provide clear access to all control points, including valves, strainers, control devices, and specialty items of every nature related to such systems and equipment, said clear access defined as arms reach without required use of special equipment or the dismantling of building systems or equipment; obtain maximum headroom; and provide adequate clearances as required for operation and maintenance unless specifically detailed otherwise.

G. The Drawings shall not be scaled for dimensions when figured dimensions are given, dimensions could be calculated, or field measured. When a true dimension cannot be determined from the Drawings or field measurement, the Contractor shall
request same from the District, giving reasonable advance notice, but not less than 30 calendar days, so as not to delay or disrupt the Work.

H. In the interest of brevity, the Contract Documents frequently omit modifying words such as "all" and "any" and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement.

I. When there is a conflict between existing on-site conditions and the Drawings, the existing condition shall govern. The Contractor shall provide the Work and adjust to the existing condition at no additional cost to the District.
1.05 CONDITIONS AS TO SPECIFICATIONS AND DRAWINGS

A. Interpretation of Drawings and Specifications: The Contractor shall check Drawings furnished by District and shall promptly notify the District in writing of any discrepancies. Should any discrepancy appear or any misunderstanding arise as to the import of anything contained in the Drawings or Specifications, the matter shall be referred to the District, who shall decide the true meaning and intent of the Drawings or Specifications, and the District’s decision shall be binding on the Contractor at no additional cost to the District. Suitable instructions will be given when any such discrepancy or misunderstanding is discovered.

B. Interpretation of Phrases: Wherever the words "as directed," "as permitted," or words to the like effect are used, it shall be understood that the direction, requirement, or permission of the District, or governmental regulatory agency having jurisdiction is intended. The words "sufficient," "necessary," "proper," and the like shall mean sufficient, necessary, or proper in the judgment of the authorized District representative. Wherever the words "inspect," "approved," "acceptable," "satisfactory," or words of like import are used to describe a requirement, direction, review, or judgment of the District as to the Work, it is intended that such requirement, direction, review, or judgment will be solely to observe and evaluate, in general, the completed work for compliance with the requirements of the Contract Documents, unless otherwise specifically stated and does not waive or alter the Contractor’s responsibility for completion of the Work in compliance with the Project Documents.

C. Reasonably Implied Parts of Work Shall Be Done Though Absent From the Drawings or Specifications: Any part of the Work which is not mentioned in the Specifications but is shown on the Drawings, or any part not shown on the Drawings but described in the Specifications, but is necessary or normally required as a part of such Work, or is necessary or required to make each installation satisfactorily or legally operable, shall be performed by the Contractor as incidental Work without extra cost to the District, as if fully described in the Contract Documents, and the expense thereof shall be included in the price bid.
1.06 AMENDING CONTRACT DOCUMENTS

A. The Contract Documents may be amended after execution of the Agreement to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof in one or more of the following ways:

1. A Change Order, or
2. A Unilateral Change Order, or
3. Force Account Change Order.

B. In addition, the requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, in one or more of the following ways:

1. District’s written interpretation or clarification.
2. Architect’s supplemental instructions or notes added to shop drawings or samples.

1.07 PRECEDENCE OF DOCUMENTS

A. The Contract Documents are complementary and shall have no order or precedence. Anything mentioned in Specifications and not shown on Drawings, or shown on Drawings and not mentioned in Specifications, shall be of like effect as if shown or mentioned in both. In case of difference between Drawings and Specifications, if true intent is not obvious, the Contractor shall submit a Request for Information and a determination will be made by the District, as provided in Paragraph 1.05A hereinafore. Omissions from Drawings or Specifications or mis-description of details of work which are manifestly necessary to carry out the intent of Drawings and Specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or mis-described details of work; they shall be fully performed as if fully and correctly set forth and described in the Drawings and Specifications.

1.08 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

A. The Contract Documents were prepared for use for the Work of this Contract only and are owned by the District. No part of the Contract Documents shall be used for any other construction or for any other purpose except with the written consent of the District. Any unauthorized use of the Contract Documents is at the sole liability of the user.
1.09 CONFERENCES AND MEETINGS:

A. See INVITATION FOR BIDS on whether a Pre-bid Conference will be held or not. The site may be inspected at the times noted in the INVITATION FOR BIDS. Where an appointment is shown as required, Bidders shall follow the procedure stated. Questions regarding the extent, nature, and details of the work shall be directed to Facilities Planning & Construction, PCCD.

B. Upon notification to the Contractor that he/she is the lowest responsible bidder, an itemized summary, known as the Schedule of Values, must be submitted during the Pre-construction Conference. The Schedule of Values must reflect the Original Bid.

C. The Contractor and/or his representative shall attend a conference at the Project Site at the beginning of construction for the purpose of determining Contractor's access to, and use of the site, verifying utilities, and such other items as may be pertinent to the start of construction.

D. Progress meetings will be held at the frequency, (typically weekly) day and time as determined by the Owner's representative for this project. The Contractor and each Subcontractor will attend these meetings to discuss current issues and coordination. Architect, consultants, and Inspectors may also be required to attend as needed. The purpose of these meetings is to provide a formal and regular forum for the project team to coordinate and present questions, problems and issues that need to be addressed. It will also provide an opportunity to review the progress on previous issues and action items along with submittal and schedule review.

E. Special meetings may be requested by the Owner and may include any members of the project team.

F. Contractor shall give a minimum of 48 hours prior notice to Owner, through Architect on Construction Project before expected work completion. Meeting and walk-through to be scheduled at site, wherein an inspection of work shall be made by all parties concerned on construction, to determine completeness and conformity of the work to the Contract. Deficiencies observed and noted shall be given to the Contractor in writing and as per SECTION 9.07 A of the GENERAL CONDITIONS titled PROJECT COMPLETION AND FINAL PAYMENT, all deficiencies shall be corrected to the satisfaction of the Owner.

ARTICLE 2 - DISTRICT’S RESPONSIBILITIES
2.01 INFORMATION AND SERVICES REQUIRED OF THE DISTRICT

A. The District shall furnish surveys and reports describing physical characteristics, legal limitations for the site of the Project, and a legal description of the site.

B. The District shall provide for approval by the California Division of the State Architect and shall pay all permanent utility service connection fees. All other permits, easements, approvals, and other charges required for construction shall be secured and paid for by the Contractor.

1. The District will furnish to the Contractor an approved set of plans and specifications.

2. The District's responsibility in respect of certain inspections, tests, and approvals is set forth in Paragraph 13.05.

C. The foregoing are in addition to other duties and responsibilities of the District enumerated herein in these General Conditions.

D. The Contractor will be furnished up to four (4) sets of Drawings and Specifications and one (1) reproducible set of Drawings and Specifications at no cost. The Contractor shall pay the reproduction costs of any additional sets required. Subsequent modifications, Change Orders, and Proposed Change Orders will be issued in the same manner.

2.02 DISTRICT'S RIGHT TO STOP THE WORK

A. The District may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated. Any District Stop Work Order shall be in writing, signed by an authorized District representative specifically so empowered by the District in writing.

B. However, the right of the District to stop the Work shall not give rise to a duty on the part of the District to exercise this right for the benefit of the Contractor or any other person or entity.

C. Reasons for Stop Work Order include, but are not limited to, the following:
1. If the Contractor fails to correct Work, which is not in accordance with the requirements of the Contract Documents.

2. If the Contractor fails to carry out Work in accordance with the Contract Documents.

3. If the Contractor disregards the authority of the authorized District representative.

4. If the Contractor disregards the Laws and Regulations of any public body having jurisdiction.

5. If the Contractor violates in any substantial way any provisions of the Contract Documents.

6. Failure to maintain current certificates of insurance on file with the District.

7. When original contract work is proceeding but will be modified by pending Contract Modification.

2.03 DISTRICT’S RIGHT TO CARRY OUT THE WORK

A. If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a seven-day period after receipt of written notice from the District to commence and continue correction of such default or neglect with diligence and promptness, the District may after such seven-day period give the Contractor a second written notice to correct such deficiencies within a second seven-day period. If the Contractor within such second seven-day period after receipt of such second notice fails to commence and continue to correct any deficiencies, the District may, without prejudice to other remedies the District may have, correct such deficiencies. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the cost of correcting such deficiencies, including compensation for the District representative's additional services and expenses made necessary by such default, neglect or failure. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the District.
2.04 NO WAIVER OF RIGHT

A. Neither the inspection by the District or its authorized agents or representatives, nor any order or certificate for the payment of money, nor any payment for, nor Acceptance of the whole or any part of the Work by the District, nor any extension of time, nor any position taken by the District or its authorized agents or representatives shall operate as a waiver of any provision of this Contract, or of any power herein reserved by the District or any right to damage herein provided, nor shall any waiver of any breach of this Contract be held to be a waiver of any other or subsequent breach.

B. All remedies provided in this Contract shall be taken and construed as cumulative; that is, in addition to each and every other remedy herein provided; and the District shall have any and all equitable and legal remedies, which it would in any case have.

2.05 DISTRICT'S ADMINISTRATION OF THE CONTRACT

A. The District has designated the District Representative as its representative during construction. The designated authorized representatives of the General Services Office will have limited authority to act on behalf of the District. The District may at any time during the performance of this Contract, make changes in the authority of any representative or may designate additional representatives. These changes will be communicated to the Contractor in writing. The Contractor assumes all risks and consequences of performing the Contract in accordance with any order, including but not limited to instruction, direction, interpretation or determination, of anyone not authorized to issue such order.

B. The District will not have control over or charge of and will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, since these are solely the Contractor's responsibility. The District will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents. The District will not have control over or charge of and will not be responsible for the acts or omissions of the Contractor, Subcontractors, or their agents or employees, or of any other persons performing portions of the Work.

C. The District will review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data, Samples and other submittals, but only for the limited purpose of checking for general conformance with information given and the design concept expressed in the Contract Documents. The District's action will be taken with such reasonable promptness as to cause no delay in the Work or in the activities of the Contractor or separate contractors, while allowing sufficient time in the District Consultant's professional judgment to permit adequate review. Review of such submittals is not
conducted for the purpose of determining the accuracy and completeness of other
details such as dimensions and quantities, or for substantiating instructions for
installation or performance of equipment or systems, all of which remain the
responsibility of the Contractor as required by the Contract Documents. The
District’s review of the Contractor’s submittals shall not relieve the Contractor of its
obligations under the Contract Documents. The District’s review shall not constitute
approval of safety precautions or of any construction means, methods, techniques,
sequences or procedures.
The District’s approval of a specific item shall not indicate approval of an assembly
of which the item is a component.

D. Administration of construction per Title 24 shall include the following
delineation of responsibilities: Duties of architect, structural engineer, or
professional engineer per Section 4-341; Duties of contractor per Section 4-343;
and Verified reports per Sections 4-336 and 4-343.

2.06 CLARIFICATION AND REQUEST FOR CHANGE (RFC) NOTIFICATION

A. If in the opinion of the Contractor, the Contract Documents are not
sufficiently detailed or explained therein, or should any questions arise as to the
meaning or intent of the Contract Documents, or should District’s comments on
submittals returned to the Contractor appear to change the requirements of the
Contract, the Contractor shall request written clarification by submitting a Request
for Information (i.e. RFI) within seven (7) calendar days of discovery. Should any
clarification (e.g., response to the Contractor’s RFI), in the opinion of the
Contractor, exceed the requirements of the Contract Documents, a written notice in
a form approved by the District (i.e. Request for Change) shall be given to the
District, within seven (7) calendar days of receipt of the District’s clarification, and
before proceeding with the Work thereof. Non-receipt of such notice, or
proceeding with Work pertaining to said notice shall be construed as relieving the
District of any Request for Change or Claim for added cost or an extension of time
arising there from.

2.07 RESOLUTION OF RFCs & CLAIMS

A. Request for Change

1. A Request for Change (RFC) is a document prepared by the Contractor
to seek additional compensation and time from the District.

2. The Contractor and the District shall make good-faith attempts to resolve any
and all RFCs that may arise during the performance of the Work of this
Contract. Within seven (7) calendars of the written RFC to the District, the
Contractor shall provide a written RFC narrative explaining its reasons for
requesting additional compensation or time. The written RFC narrative shall
reference all related schedule activities and contract specification sections and
drawings directly pertaining to the RFC.
3. The District will review the Contractor’s timely written RFC narrative, and provide a decision within thirty (30) calendar days after receipt of the Contractor’s RFC written narrative. Unless otherwise directed by the District in writing, the Contractor shall diligently proceed with the Work in accordance with the District's decision.

B. Claim:

1. "Claim" means a written demand or written ascertain by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of Contract terms, or other relief arising under or relating to this Contract. A voucher, invoice, other routine request for payment, or an RFC submitted by the Contractor shall not be considered a claim under the Contract until it complies with the notification and documentation requirements of this Article. The Contractor hereby waives any evidentiary privilege, if any is applicable, that may attach to said claim and otherwise render it inadmissible as evidence in a court of law.

2. If, after receiving the District's decision in response to the Contractor's written RFC narrative, the Contractor still considers the Work required of it to be outside the requirements of the Contract Documents, it shall notify the District by submitting a written notice of potential claim within seven (7) calendar days after receiving the District's decision.

3. Within thirty days of receiving the District's decision in response to the Contractor's written RFC narrative, the Contractor shall submit a claim with all the documentation required by Article 2.07C and 2.07D. The Contractor hereby agrees that failure to provide written notice of potential claim to the District within seven (7) calendar days, and all required documentation within thirty (30) calendar days, will result in the Contractor waiving its right to additional compensation and time pertaining to said claim.

4. Upon receipt of the Contractor's claim and all documentation required by Article 2.07C and 2.07D, the District will review said claim and render a final decision in writing.

C. Certification:

1. The Contractor, under penalty of perjury, shall submit with the claim its and Subcontractors' certification that:

   a. The claim is made in good faith.

   b. Supporting data are accurate and complete to the best of the Contractor's and/or Subcontractor's knowledge and belief.

   c. The amount requested accurately reflects the Contract adjustment for which the Contractor believes the District is liable.
d. That any privilege, if any is applicable, that would prevent the claim or its contents from being admitted as evidence in any judicial or quasi-judicial forum, is waived by the contractor and any party involved in the presentation of the claim.

2. **If the Contractor is an individual, the certification shall be executed by that individual.**

3. **If the Contractor is not an individual, the certification shall be executed by an officer or general partner of the Contractor having overall responsibility for the conduct of the Contractor's affairs.**

4. **If a false claim is submitted, it will be considered fraud and the Contractor will be subject to damages and criminal prosecution.**

5. **In regard to any claim or portion of a claim for Subcontractor work, the Contractor shall fully review said claim and certify said claim, under penalty of perjury, to have been made in good faith.**

6. **The Contractor hereby agrees that failure to furnish certification as required hereinbefore will result in the Contractor waiving its right to the subject claim.**

D. **Claim Format:**

   1. **The Contractor shall submit the claim documentation in the following format:**

   a. Summary of claim merit and quantum plus clause under which the claim is made.

   b. List of documents relating to claim:

      1) Specifications.

      2) Drawings.

      3) Clarifications/Requests for Information/Requests for Change.

      4) Schedules.

      5) Other.

   c. Chronology of events and correspondence.

   d. Analysis of claim merit.

   e. Analysis of claim cost.

   f. Cover letter and certification.

   g. Attachments:
1) Specifications.
2) Drawings.
3) Clarifications/Requests for Information/Requests for Change.
4) Correspondence.
5) Schedules.
6) Other.

ARTICLE 3 - CONTRACTOR’S RESPONSIBILITIES

3.01 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS

A. The Contract Documents are diagrammatic and do not show every detail but show the purpose and intent only, and the Contractor shall comply with their true intent and meaning, taken as a whole, and shall not avail itself of any manifest error, omission, discrepancy or ambiguity which appear in the Contract Documents, instructions or work performed by others.

B. The Contractor shall verify all dimensions and determine all existing conditions that may affect its Work adequately in advance of the Work to allow for resolution of questions without delaying said Work, and shall be responsible for the accuracy of such dimensions and determinations.

C. Using a uniformly standard RFI form, the Contractor shall notify the District in writing immediately upon discovery of errors, omissions, discrepancies or ambiguities, and a clarification will be issued as to the procedure to be followed.

D. If the Contractor proceeds with any such Work without receiving such clarification, it shall be responsible for any and all resulting damage, including but not limited to that occasioned by delay, and defects.

E. The Contractor during the progress of the Work, shall review the appropriate portions of the Contract Documents a minimum of thirty (30) days, or as required to maintain progress of the Work, prior to commencement of the related Work for the expressed purposes of checking for any manifest errors, omissions, discrepancies or ambiguities. The Contractor shall not be entitled to any compensation for delays, disruptions, inefficiencies or additional administrative effort caused by the Contractor’s untimely review of the Contract Documents.

F. The Contractor shall be responsible for its costs and the costs of its subcontractors to implement and administer a Request for Information (RFI) system throughout the Contract duration. Such costs shall include the distribution of RFIs to its subcontractors, subcontractor reviewing and posting of RFIs, and
coordinating the clarification responses by its subcontractors. The Contractor shall be responsible for both the District and District's administrative costs for answering its RFIs where the answer could reasonably be found by reviewing the Contract Documents.

3.02 SUPERVISION AND CONSTRUCTION PROCEDURES

A. The Contractor shall supervise and direct the Work, using the Contractor’s best skill and attention. The Contractor shall be solely responsible for and have control over all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters.

B. The Contractor shall supervise and coordinate the Work of its subcontractors so that information required by one will be furnished by others involved in time for incorporation into the Work in the proper sequence and without delay of materials, devices, or provisions for future Work.

C. Whenever the Work of a subcontractor is dependent upon the Work of other subcontractors or contractors, then the Contractor shall require the subcontractor to:

1. Coordinate its Work with the dependent work.
2. Provide necessary dependent data and requirements.
3. Supply and/or install items to be built into dependent work of others.
4. Make provisions for dependent work of others.
5. Examine dependent drawings and specifications and submittals.
6. Examine previously placed dependent work.
7. Check and verify dependent dimensions of previously placed Work.
8. Notify Contractor of previously placed dependent work or dependent dimensions which are unsatisfactory or will prevent a satisfactory installation of its Work,
9. Not proceed with its Work until the unsatisfactory dependent conditions have been corrected.
D. The Contractor shall immediately comply with any and all orders and instructions given in accordance with the terms of this Contract by the District, but nothing herein contained shall be taken to relieve the Contractor of any of its obligations or liabilities under this Contract, or of performing its required detailed direction and supervision.

E. The Contractor shall at all times from the issuance of the Notice to Proceed until Project Completion of the herein specified Work and during the various guarantee periods, permit the District, its agents and authorized representatives to visit and inspect the Work, the materials and the manufacture and preparation of such materials and subject them to inspection and rejection if the Work does not conform to the requirements of the Contract Documents. This obligation shall include maintaining proper facilities and safe access for such inspection. Where the Contract requires Work to be tested and/or inspected, it shall not be covered up until inspection and approval by the District, and the Contractor shall be solely responsible for notifying the District at least two (2) working days prior to performing such Work, so that necessary arrangements for inspection and testing can be made. Should any such Work be covered without such test and approval, it shall be uncovered and recovered at the Contractor's expense, regardless of whether or not the Work is in conformance.

F. With the exception of emergency or safety measures, no work shall be performed on Saturday, Sunday or legal holiday. Should any work become necessary during that time period, the Contractor shall give notice to the District of such desire and request and obtain its written permission at least two (2) working days prior to performing such Work, or such other period as may be specified, so that the District may make the necessary arrangement for testing and inspection.

G. If either concealed conditions or unknown physical conditions of unusual nature (different materially from those ordinarily encountered and generally recognized as inherent in the Work) are encountered below the surface of the ground or concealed in existing construction and which affect the performance of the Work of this Contract, the Contractor shall immediately notify the District of such conditions. The Contractor shall also inform the District as to how such conditions affect its Work and shall also recommend methods to overcome such conditions. The Contractor shall then wait for instructions in writing from the District prior to proceeding with the affected Work.
H. If the Contractor is notified that a clarification is forthcoming from the District, any Work performed before the receipt of same shall be coordinated with the District to minimize the effect of the clarification on Work in progress. Any Work performed after notification but before receipt of clarification and not so coordinated shall be at the Contractor's risk.

I. Material, Work or workmanship which, in the opinion of the District, or its authorized representatives does not conform to the Contract Documents, or is not equal to the samples submitted to and approved by the District, or is in any way unsatisfactory or unsuited to the purpose for which it is intended, will be rejected. The Contractor shall bear the cost of correcting non-conforming Work. The Contractor shall make a close inspection of all materials as delivered, and shall promptly return all defective materials without waiting for their rejection by the District.

J. The Contractor shall remove all rejected material and Work, and all defective and non-conforming Work, from the site without delay. If the Contractor fails to remove such Work within forty-eight (48) hours after having been so directed by the District, the District may perform the removal and the cost of such removal shall be deducted from progress payments.

K. All defective and non-conforming Work discovered shall be corrected immediately by the Contractor, and any unsatisfactory materials shall be rejected, notwithstanding that they may have been overlooked by authorized inspection. Inspection of the Work shall not relieve the Contractor of any of its obligations to perform satisfactory Work as herein prescribed.

L. Failure or neglect on the part of the District or any of its authorized agents and/or representatives to condemn or reject defective and non-conforming Work or materials shall not be construed to imply acceptance of such Work or materials or waiver of any claim or right if it becomes evident at any time prior to Project Completion; neither shall it be construed as barring the District at any subsequent time from the recovery of damages or of such a sum of money as may be needed to build anew all portions of the Work in which fraud was practiced or improper materials or workmanship used whenever found.
M. The Contractor shall carry on the Work and adhere to the construction schedule required to be submitted under the requirements of the Contract Documents during all disputes or disagreements with the District. No work shall be delayed or postponed pending resolution of any disputes or disagreements, except as the District and the Contractor may otherwise agree in writing.

N. The Contractor shall make and submit to the Division of the State Architect such verified reports as required by California Code of Regulations, Title 21, Section 36, and Title 24 Sections 4-336 and 4-343

3.03 LABOR AND MATERIALS

A. The Contractor shall employ only competent and skillful persons to perform the Work, and whenever the District shall notify the Contractor that any employee on the Work is, in the District's judgment, incompetent, unfaithful, disorderly or refuses to carry out the provisions of the Contract, such employee shall be removed from the Work.

B. In order that the District can determine whether the Contractor has complied or is complying with the requirements of the Contract, which are not readily enforceable by inspection, and test of the Work and materials, the Contractor shall upon request submit properly authenticated documents or other satisfactory proof of its compliance with such requirements.

C. Except in the event of emergency, no substantial field operations shall be performed outside regular working hours without prior notification to, and permission by, the District. Should the Contractor perform Work outside regular working hours, the District shall be compensated for all expenses in excess of those that would have been incurred had the work been performed during regular working hours. The Contractor will not be entitled to additional compensation for Work performed outside regular working hours except as otherwise expressly authorized in writing by the District prior to the performance of such overtime Work. Any additional compensation for such authorized overtime shall be limited to the direct cost of the premium portion of such authorized overtime.

D. Before ordering materials, equipment, or performing Work, the Contractor shall verify indicated dimensions. If a discrepancy exists, the Contractor shall notify the District of same immediately. The District will then clarify the intended design. The Contractor shall take field measurements required for the proper fabrication and installation of the Work in a timely fashion in accordance with Article 3 herein. Upon commencement of any item of Work, the Contractor shall be responsible for dimensions related to such item of Work.

E. All materials and equipment shall be delivered, handled, stored, installed, and protected to prevent damage in accordance with best current practice in the industry, in accordance with manufacturers' specifications and recommendations, and in accordance with Contract Document requirements. The Contractor shall
store packaged materials and equipment in their original and sealed containers, marked with the brand and manufacturer’s name, until ready for use. The Contractor shall deliver materials and equipment in ample time to facilitate inspection and tests prior to installation. Damaged materials or equipment will be rejected.

F. Unless otherwise specified in the Contract Documents, the Contractor shall provide and assume full responsibility for all materials, equipment, labor, transportation, construction equipment, and machinery, tools, appliances, fuel, power, light, heat, telephone, water sanitary facilities and incidentals necessary for the provision, performance, testing, start-up, and completion of the Work.

3.04 WARRANTY

A. The Contractor warrants to the District that materials and equipment provided under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects and of the quality required or permitted, and that the Work will conform with the requirements of the Contract Documents.

B. 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 District’s abuse, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage.

C. If required by the District, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

3.05 TAXES

A. The Contractor shall pay sales, consumer, use and other taxes, which are applicable during the performance of the Work or portions thereof provided by the Contractor. Payment shall apply to all such taxes, whether or not in effect when Bids were received.

B. Federal excise tax is not applicable to the Work, products and services supplied under the Contract.

1. The Contractor will be issued an exemption certificate on request.

3.06 PERMITS, FEES AND NOTICES
A. The Contractor shall pay all utility charges for temporary connections to the Work.

B. Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for all permits (other than approval by the Division of the State Architect), governmental fees (other than permanent utility service connection fees), licenses, and inspections (other than required and special inspections which are to be performed at the expense of the District to comply with prevailing laws and regulations) necessary for proper execution and completion of the Work.

1. The Contractor shall coordinate and obtain the permits.

2. The Contractor shall pay all temporary sewer connection fees under the provisions for Allowances in the General Requirements.

C. The Contractor shall comply with and give notices required by laws, ordinances, rules, regulations and lawful orders of public authorities bearing on performance of the Work.

D. If the Contractor observes that portions of the Contract Documents are at variance with applicable laws, statutes, ordinances, building codes, and rules and regulations, it shall promptly notify the District in writing, and necessary changes shall be accomplished by appropriate Modification.

E. If the Contractor performs Work knowing, or should have know, it to be contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the District and District, the Contractor shall assume full responsibility for such Work and shall bear the attributable costs of correction.

F. The Contractor shall keep the Building Permit, with an approved set of plans and specifications at the job site readily available for inspection during regular hours for the duration of the Contract.

G. The Contractor shall arrange for all required inspections and special inspections with the appropriate District agency and notify the District, so that a District representative will be present at these inspections.

H. The Contractor shall be responsible for submitting all shop drawings, product data, and manufacturer's certificates to the appropriate District agency for approval as may be required under the conditions of applicable permits (e.g., Division of the State Architect).

3.07 SUPERINTENDENTS

A. The Contractor shall at all times be represented at the site by a full time and English speaking project manager or the superintendent whom it has authorized in writing to make decisions, receive and carry out any instructions that may be given
to it or them by the District, and the Contractor will be held liable for the faithful observance of such instructions. Prior to the issuance of Notice to Proceed, the Contractor shall inform the District, in writing, of the names, addresses and telephone numbers of its key personnel whom it has authorized to act as its representatives at the site and who are to be contacted in case of emergencies on the job during non-working hours, including Saturdays, Sundays and Holidays.

B. The District reserves the right to approve the Contractor's project manager, assistant project manager, general construction superintendents, project coordinator, project engineers, project schedulers, and foremen, and the right to reject them at any time at the District's sole discretion. The District also reserves the right to refuse replacement of the Contractor's superintendents and foremen if it believes such replacement will negatively affect the Contract.

3.08 CONSTRUCTION AND SUBMITTAL SCHEDULES

A. Basic Progress Schedule:

1. Unless a Computerized CPM Progress Schedule as described in Paragraph B below is required by the Instructions to Bidders, Contractor shall submit a Basic Progress Schedule within seven (7) days after Notice to Proceed and before starting any work.

2. The Basic Progress Schedule shall be in the form of a time scaled bar chart (Gantt Chart) consistent in all respects with the time and order of Work required by the Contract, in sufficient detail to show the chronological relationship of all activities of the Project including but not limited to planned starting and completion dates of various activities, submittal of shop drawings, procurement of materials and equipment, and scheduling of deliveries and equipment.

3. The basic progress schedule shall be updated once a month or more frequently if requested by the District.

4. Owner will review the Basic Progress Schedule or revision for conformance with Contract requirements. Within seven (7) days after receipt, Owner will accept the Basic Progress Schedule as feasible or will return it with comments, in which case Contractor shall use Owner's comments and revise the Basic Progress Schedule accordingly.

B. Computerized CPM Progress Schedule

1. The Contractor shall provide a computerized CPM Schedule if required by the Division 1 of the specifications. The Contractor shall use Primavera Project Planning Software or Microsoft Project and shall provide the Owner with file on 3 1/2” IBM compatible computer disk. If the contractor wishes to use any other scheduling software, approval must be first obtained from the owner. At its sole discretion the owner reserves the right to reject the use of any software other than
the two stated here. The time of completion of the Project and each milestone shall adhere to the start and finish times in the Notice to Proceed, unless the Contractor requests and Owner approves in writing an earlier time of completion. Approval of such request shall be entirely at the Owner's discretion. If an earlier time of completion is approved, liquidated damages will be accessed after the new date of completion.

2. A schedule orientation meeting shall be held 14 days after the Notice to Proceed where the Contractor will be prepared to discuss the schedule, sequence of operations, cost, manpower, and equipment loading methodology. This meeting shall be attended by the Contractor's Project Manager and Scheduler, Owner's Representative, Architect (if desired), other Contractor's key personnel, major Subcontractors and Suppliers. This meeting will also discuss the monthly update requirements, reports, schedule revisions, cost breakdowns, data exchange, etc.

3. Within thirty (30) days after Notice to Proceed, the Contractor shall submit one (1) reproducible, three (3) prints, and 3-1/2" computer disks for Primavera Project Planning or Microsoft Project format of the detailed schedule. The Contract Schedule shall:
   a. Provide a time scaled CPM diagram in a format acceptable to the owner. A schedule may be rejected if in Owner's opinion any item is unbalanced.
   b. Provide a list identifying all imposed constraints.
   c. Indicate activity calendars used.
   d. Identify as a separate activity procurement of major equipment, date of ordering through receipt and inspection at the project site.
   e. Identify as separate activities Owner furnished materials and equipment.
   f. Identify as separate activities all submittals.
   g. Detail activities for each milestone to show the plan for completion of the work for each milestone within the time specified.
   h. Show dependencies (or relationships) and logic ties between activities. Open-ended activities will not be permitted.
   i. Show the major equipment required for perform each activity, if applicable.
   j. Show a responsibility code for each activity corresponding to the subcontractor responsible for performing the work.
   k. Show the number of days needed for completion inspections, completion of punch list items, and final clean-up for the work associated with each milestone within the Contract time limit.
   l. Show interface flag points of coordination with the work of other Contractors engaged by Owner at the site.

5. No activity on the schedule shall have a duration longer than fifteen (15) days, with the exception of submittals, fabrication, procurement and punch list activities, unless otherwise approved by Owner. Activity duration shall be the total number of actual days required to perform that activity including consideration of
weather impact on completion of that activity. If an item of work is divided into two or more activities to meet maximum duration requirement, this division of work shall be done in a manner that is logical to the progress of the work (and not by dividing the work into percentages). Do not schedule activities that are dependent on submittal approval and/or material delivery to start earlier than the expected approval or delivery dates.

6. No more than twenty five percent (25%) of construction activities are to be considered as critical or near critical (having 10 days or less of float). Activities related to the procurement of materials and equipment (submit shop drawings, review shop drawings, manufacture of equipment, and shipping) shall not be included in the calculation of the allowable percentage of critical activities as defined above. The work shall be planned so that the schedule will reflect a true critical path, which will run through the start and finish of actual work activities. Critical path shall not run through activity lags and leads.

7. The contract schedule shall represent a practical plan to complete the work within the contract time, be suitable for monitoring progress of the work, and be in sufficient detail to demonstrate adequate planning of the work.

8. The schedule shall allow for Special District events where the District will not allow noisy, dusty or disruptive construction work. These specific dates, if any, are identified in Division 1 of the specifications.

9. Schedules shall include and allow adequate duration for work performed by District (inspections, District-furnished equipment, work by other contractors that interface with this contract).
10. District’s acceptance of or review comments about schedule or scheduling data shall not relieve the contractor from its sole responsibility to plan for, perform, and complete the work within the contract time. Failure of District to discover errors or omissions in schedules it has reviewed, or to inform contractor or subs that they are behind schedule, or to direct or enforce procedures for complying with contract schedule shall not relieve the contractor from its sole responsibility to plan for, perform, and complete the work within the contract time.

11. The Owner will review this schedule when submitted and return to the Contractor within fifteen (15) days. The Contractor shall revise the schedule and resubmit within seven (7) days.

12. Once this schedule is modified to be acceptable to the Owner, the schedule becomes the Accepted Contract Schedule. If the Contractor desires to change the methods or scheduling of work, the Contractor must submit the request in writing. This request will be accepted or rejected by the Owner. This change may be tracked by a change order depending upon the severity of the change. If any critical activity falls more than seven (7) days behind schedule, Contractor must submit a recovery plan within seven (7) days.

13. The Contractor shall submit a monthly update to the schedule with the payment application. The payment application will not be processed for payment without a satisfactory monthly updated schedule. The monthly update will include the Contractor’s estimated percentage completion for each activity and actual start/finish dates. The update shall also include a narrative report describing any changes made to schedule logic, the effects of change orders identified and reflected in the updated schedule, and any other problem areas including a recovery plan.

14. A Short Interval Schedule (SIS) will be submitted weekly and will be discussed in progress meetings. The interval shall be three weeks: this week and two weeks ahead. The SIS must include the status of milestones and completion dates.

15. The Owner may request any report formats of the schedule at any time.

C. The Contractor shall prepare, submit and keep current, for the District’s information, a schedule of submittals which is coordinated with the Contractor’s construction schedule in accordance with the General Requirements and allows the District reasonable time to review submittals.

3.09 DOCUMENTS AND SAMPLES AT THE SITE

A. The Contractor shall maintain at the site for the District one (1) record copy of the Drawings, Specifications, Addenda, Change Orders, RFI’s, and other Modifications, in good order and marked currently to record changes and selections made during construction, and in addition approved Shop
Drawings, Product Data, Samples and similar required submittals, all in accordance with the General Requirements. These shall be available to the District representative and shall be delivered to the District prior to Project Completion.

### 3.10 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES, OPTIONS, AND SUBSTITUTIONS

#### A. Product Options and Substitutions:

1. **Summary**
   
   a. Provide products listed in Contract Documents, products by manufacturers listed in Contract Documents, and products meeting specified requirements.
   
   b. Procedures are described for requesting substitutions of unlisted materials lieu of materials named in Specifications or approved for use in addenda.
   
   c. Within thirty five (35) days after the date of Notice to Proceed, submit to the District a complete list of major products, which are proposed for substitution, with name of manufacturer, trade name, and model.
   
   d. List products by Specification Section number and title.

2. **Product Options**
   
   a. For products indicated or specified only be reference standard, select any product meeting such standard.
   
   b. For products indicated or specified by naming one or more projects or manufacturers, select products of any named manufacturer, which meet the specified requirements.
   
   c. For a product or manufacturer, which is not specifically named, submit request for substitution.
   
   d. Where terms “or equal,” “or approved equal,” or similar references are made, submit request for substitution for product or manufacturer not specifically indicated or named in Specifications.
   
   e. For products indicated or specified by naming only one product and manufacturer, followed by the words “no substitution allowed,” there is no option.

3. **Substitutions, General**
   
   a. Within a period of thirty five (35) days after date of Notice to Proceed, the District will consider formal requests for substitutions from the Contractor only under the following conditions:
      
      1) The burden of proof as to the type, function, and quality of any substitute material or equipment shall be upon the Contractor.
2) The District will be the sole judge as to the type, function, and quality of any substitute material or equipment, and the District’s decision shall be final.

3) The District may require the Contractor to furnish at the Contractor’s expense additional data about the proposed substitute.

4) The District may require the Contractor to furnish at the Contractor’s expense a special performance guarantee or other surety with respect to any substitute.

5) Acceptance by the District of a substitute item proposed by the Contractor shall not relieve the Contractor of the responsibility for full compliance with the Contract Documents and for adequacy of the substitute item.

6) The Contractor shall be responsible for resultant changes and all additional costs which the accepted substitution requires in the Contractor’s Work, the Work of its subcontractors of all tiers, and of other contractors, and shall effect such changes without cost to the District.

   a) In the event of monetary benefit, seventy-five percent (75%) of the amount of the benefit shall go to the District and twenty-five percent (25%) shall go to the Contractor.

7) After the thirty five (35) day period, requests will be considered only when a product becomes unavailable due to no fault of Contractor. In such cases, all of the provisions of this Section shall still apply.

8) Costs for reviewing substitution requests submitted after thirty five (35) days shall be deducted from progress payments due the Contractor. Costs shall include District’s cost, and Architect’s and Architect’s Sub consultants’ fees.

   a) There will be no cost to the Contractor for reviewing substitution requests after thirty five (35) days in cases where the product has become unavailable due to no fault of Contractor.

b. Substitutions will not be considered for acceptance when:

   1) They are indicated or implied on submittals without a formal request from Contractor.

   2) They are requested directly by a subcontractor or supplier.

   3) Acceptance will require substantial revision of Contract Documents.

c. Substitute products shall not be ordered without written acceptance of the District.

d. The District will determine the acceptability of proposed substitutions and reserves the right to reject proposals due to insufficient information.
e. Substitutions required by inability to obtain materials specified will not be acceptable grounds for increase in Contract Sum or time of completion of Contract.

f. Notify District during the thirty five (35) day period after Notice to Proceed where use of products indicated or specified would delay completion of Contract.

4. Contractor’s Representation

   a. Requests constitute a representation that Contractor:

      1) Has investigated the proposed substitution and determined that it is equal to or superior in all respects to the product indicated or specified.

      2) Will furnish the same guarantee/warranty or bond for the proposed substitution as for the product indicated or specified.

      3) Will coordinate the installation of an accepted substitution into the Work, and make such other changes as required to complete the Work in accordance with the Contract Documents and applicable regulatory requirements.

      4) Waives claims for additional costs associated with the substitution, which may subsequently become apparent.

      5) Will pay costs of changes to Contract Documents required by accepted substitutions.

5. Procedures for Proposing Substitutions

   a. Requests for acceptance of a substitution shall be submitted to the District in written form and accompanied by sufficient information to enable proper evaluation.

   b. Submit separate request for each product and support each request with:

      1) Product identification with manufacturer’s literature and samples where applicable.

      2) Name and address of similar projects on which product has been used, and date of installation.

      3) Complete technical data, including drawings, manufacturer’s specifications, material safety data sheets (MSDS), costs, samples and test reports of the product proposed for substitution.

         a) Submit additional information, if required by the District

      4) Data similar to that specified for the product for which substitution is proposed.

      5) Submit data relating to changes in construction schedule.

      6) Complete breakdown of costs, indicating the amount to be deducted from the Contract Sum, if the proposed substitution is accepted.
7) Signed statement that the proposed substitution is in full compliance with the Contract Documents and applicable regulatory requirements.

8) List of other Work, if any, which may be affected by the substitution.
   a) Contractor shall be responsible for the effect of a substitution upon related Work, and pay the additional costs generated thereby, including the cost of the Architect's and consultants' additional services associated therewith.

9) Information on availability on maintenance service, and source of replacement materials.

10) Sample of manufacturer's standard form of guarantee or warranty for the proposed substitution.

11) Where required, itemize comparison of proposed substitution with product specified and list significant variations.

12) Indicated accurate cost data comparing proposed substitution with product indicated or specified and amount of net change in Contract Sum.
   a) Include costs to other contractors and costs for revisions to Drawings, Details, or Specifications.

   c. Environmental Concerns:

1) Project has been designed with special considerations for indoor air quality and environmental conditions including attempts to limit amounts of toxic chemicals, materials, and gases in building.

2) Submittal of substitutions for items listed below shall provide specific information regarding environmental impact of substitutions related to toxic chemicals, materials, and gases.

3) Particleboard and Medium Density Fiberboard: Particleboard and medium density fiberboard are not acceptable as a substitution for any specified products.

4) Adhesives: Low-emitting adhesives have been specified; proposed substitutions shall be required to provide substantiating test reports indicating compliance with indoor air quality concerns.
   a) Submissions shall include all chemical components and their proportions in complete product.
   b) Include listing of all substances used in manufacture of product and identified in sample of air emitted from products that appear on any of the following lists.
1) United States Environmental Protection Agency (EPA) Carcinogen Assessment Group (CAG) list of carcinogens.
2) Clean Air Act Sections 109, 111, and 112.
3) The National Toxicology Program’s latest published “Annual Report on Carcinogens.”
4) IARC Human Carcinogens (Groups 1, 2A, and 2B).
5) California Proposition 65 Carcinogens.
6) California Proposition 65 Reproductive Toxins.
   c) Provide detection limits of analytical system for each relevant substance along with general information on sensitivity of analytical system.
   d) Include complete laboratory reports of any emissions tests conducted by the manufacturer or any contractor, agent, or other laboratory for the manufacturer, and any other evaluations of the impacts of the product’s emissions on indoor air.

6. District’s Review of Proposed Substitutions
   a. The District will review requests for substitutions and notify the Contractor in writing of its decision to accept or reject proposed substitutions. It shall be understood that:
      1) The District will use its own judgment in determining whether or not a product or item of equipment proposed is equal for the purpose intended quality to that specified:
      2) The decision of the District on all such questions of equality shall be final.
      3) No claim of any sort shall be made or allowed against the District, the Architect, Architect’s sub consultants, or any of their agents, employees, or sub consultants as a result of any final decision accepting or rejecting any proposed product or equipment.
   b. The District at its sole discretion will determine the acceptability of proposed substitutions, and its determination shall be final.
   c. Acceptance of a proposed substitution shall not relieve the Contractor from responsibility for the proper execution of the Work and the other requirements of the Contract Documents.
   d. If a proposed substitution is not accepted, use the product originally specified or indicated.

B. Shop Drawings, Product Data and Samples:

1. The Contractor shall review, approve, stamp, and submit to the District Shop Drawings, Product Data, Samples and similar submittals required by the Contract Documents in accordance with the accepted Submittal Schedule specified.
in the General Requirements. Submittals made by the Contractor which are not required by the Contract Documents may be returned without action.

2. The Contractor shall perform no portion of the Work requiring submittal and review of Shop Drawings, Product Data, Samples and other submittals until the respective submittal has been received, reviewed by the Architect and returned by the Architect. Such Work shall be in accordance with approved submittals. The Contractor is solely responsible for delays or disruptions to the Work caused by inadequate, uncoordinated, incorrect or late submittals. All submittals shall be submitted within thirty five (35) days after Notice to Proceed and shall be phased to support the Project Schedule as well as to allow Architect maximum review time. Contractor schedule should allow at least two (2) weeks for Architect’s review of submittals. More time shall be allowed for particularly complex submittals or if a “substitution” will be submitted which may result in a re-submittal.

3. By approving and submitting Shop Drawings, Product Data, Samples and other submittals, the Contractor represents that it has determined and verified materials, field measurements and field construction criteria related thereto, and has checked and coordinated the information contained within such submittals for compliance with the Contract Documents and for coordination of the Work indicated in the submittal and with adjacent Work.

4. The Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Architect’s approval of Shop Drawings, Product Data, Samples and other submittals unless the Contractor has specifically informed the Architect in writing attached to the submittal of such deviation at the time of submittal and the Architect has given written approval to the specific deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by the District’s approval thereof. Any deviation shall also be indicated on such Shop Drawing, Product Data, Sample or related submittal.

5. The Contractor shall direct specific attention, in writing, for resubmitted Shop Drawings, Product Data, Samples and other submittals, to revisions other than those requested by the Architect on previous submittals.

6. Where a shop drawing or sample is required by the Specifications, any related Work performed prior to the Architect’s review and approval of the pertinent submittal shall be at the sole expense and responsibility of the Contractor.

7. Number of copies submitted by the Contractor shall be:

   1) Shop Drawings  
      1 sepia reproducible  
      3 blue line prints

   2) Catalogue cuts, brochures, calculations, etc.: 7 minimum
3) Samples: 7 each as directed

8. After review of submittals by the Architect (or the Architect's Consultants), submittals will be returned to the Contractor, indicating one of the following actions:

   a) "Reviewed - No Exceptions Taken": No corrections or re-submissions required.

   b) "Reviewed - Make Corrections Noted": No re-submission required. Fabrication may proceed on the basis that corrections noted are incorporated in the work. If the Contractor cannot comply or disagrees with the corrections noted, he shall revise the submittal and resubmit before fabrication.

   c) "Revise and Resubmit": Re-submission required. Fabrication shall not proceed. Revise submittal as indicated.

   d) "Rejected": Re-submission required. Fabrication shall not proceed. Revise in accordance with the Contract Documents.

9. The Architect will return the reproducible copy of each shop drawing, two each of copies of catalogue cuts, brochures, calculations, etc. (or as many additional copies submitted by the Contractor over the required eight (8) minimum) and two (2) each of samples. The Contractor is responsible to obtain and pay for additional copies required for distribution to subcontractors, suppliers and the like. The Contractor shall transmit one copy of all submittals marked "Reviewed - No Exceptions Taken" and "Reviewed - Make Corrections Noted" to the Contractor's Field Office.
3.11 USE OF SITE

A. The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents and shall not unreasonably encumber the site with materials or equipment.

B. Notwithstanding the designation of Contract limits or the indication of temporary fences or barricades, the provisions of the Contract Documents governing certain portions or phases of the Work may require that certain operations be carried out beyond such designated limits.

C. Pumping, draining and control of surface and ground water shall be carried out so as to avoid endangering the Work or any adjacent facility or property, or interrupting, restricting or otherwise infringing or interfering with the use thereof.

D. The Contractor shall assume full responsibility and shall promptly settle all claims for any damage to any such areas within the Contract limits, or to any adjoining areas of the owners or occupants thereof, resulting from the performance of the Work.

3.12 CUTTING AND PATCHING

A. The Contractor shall be responsible for all cutting, fitting, and patching of its Work as specified in the General Requirements that may be required to make its several parts fit together or to receive the work of other contractors shown upon, or reasonably implied by, the Contract Documents for the completed Work.

B. The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the District or separate contractors by cutting, patching or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter such construction by the District or a separate contractor except with written consent of the District. The Contractor shall not withhold from the District the Contractor’s consent to cutting or otherwise altering the Work.

3.13 CLEANING UP

A. The Contractor shall keep the premises and surrounding area, including public areas immediately adjacent to the site such as temporary pedestrian walkways and sidewalks, free from accumulation of waste materials, rubbish, and excess materials.
1. The Contractor shall perform such clean up and removal regularly and as often as necessary.

2. At completion of the Work the Contractor shall remove from and about the Project site waste materials, rubbish, the Contractor’s tools, construction equipment, machinery and surplus materials.

B. If the Contractor fails to clean up as provided in the Contract Documents, the District may provide twenty-four (24) hour written notice to the Contractor and clean up, the cost of which shall be deducted from the amount due the Contractor under the Contract.

3.14 ACCESS TO WORK

A. During the performance of the Work, the District and its authorized representatives or any other persons deemed necessary by any of them acting within the scope of the duties entrusted to them, may at any time, and for any purpose, enter upon the Work, the shops where any part of such Work may be in preparation, or the factories where any materials for use in the Work are being or are to be manufactured. The Contractor shall furnish safe facilities therefore, and shall make arrangements with manufacturers to facilitate inspection of their processes and products to such extent as the District’s interest may require.

3.15 ROYALTIES AND PATENTS

A. All fees or claims for any patented invention, article or arrangement that may be used upon or in any manner connected with the performance of the Work or any part thereof, shall have been included in the Contract Sum. The Contractor shall save, defend, hold harmless, and fully indemnify the District and all its officers and employees connected with the Project, the District Architect, other parties designated in Article 11, and all of their officers, agents, members, employees, authorized representatives, or any other persons deemed necessary by any of them acting within the scope of the duties entrusted to them, from all damages, claims for damage, costs, or expenses in law or equity, including attorney’s fees, that may at any time arise or be set up for any infringement of the patent rights, copyright or trademark of any person or persons in consequence of the use by the District, or any of its officers, agents, members, employees, authorized representatives, or any other persons deemed necessary by any of them acting within the scope of the duties entrusted to them, of articles to be supplied under the Contract and of which the Contractor is not the patentee or assignee or has not the lawful right to sell the same. This is in addition to all other hold harmless and indemnity clauses in the Contract Documents.

3.16 INDEMNIFICATION
A. Consistent with California Civil Code Section 2782, the Contractor shall assume the defense of, indemnify and hold harmless the District and all its officers and employees connected with the Project, the District's Representatives, other parties designated in Article 11, and all of their officers, agents, members, employees, authorized representatives, or any other persons deemed necessary by any of them acting within the scope of the duties entrusted to them, from all claims, suits, actions, losses and liability of every kind, nature and description, including but not limited to attorney's fees, directly or indirectly arising out of, connected with or resulting from the performance of the Work. Such duties to release and save District harmless shall apply to liability incurred or claimed to have been incurred as a result of negligence, regardless of responsibility for such negligence, including the active negligence of the District, the District Representatives, other parties designated in Article 11, and all of their agents, officers, members, employees, authorized representatives or any other persons deemed necessary by any of them. This indemnification shall not be valid in the instance where the loss is caused by the sole negligence, willful neglect or intentional tort of any person-indemnified hereinabove.

B. In the event that the Contractor and its insurance carrier(s) in bad faith refuse to negotiate and compensate a third party or parties for property damage or personal injuries which arise out of the Contractor's performance of the Work, the District shall have the right to estimate the amount of damages and to pay the same, and the amount so paid shall be deducted from the amount due the Contractor under this Contract; or an appropriate amount shall be retained by the District until all suits or claims for said damages shall have been settled or otherwise disposed of and satisfactory evidence to that effect shall have been furnished to the District.

3.17 COMPUTERIZED JOB COST REPORTING SYSTEM

A. The Contractor and its subcontractors with contracts over $1,500,000 shall maintain computerized monthly job cost reporting systems which shall be adequate to meet the documentation and reporting requirements of the District. Such job cost reporting systems shall comply with acceptable cost accounting practices and principles and shall conform to acceptable standards, procedures and guidelines used in the construction industry for projects similar to the Work.

B. Such job cost reporting system's format and configuration shall follow the general format, which is consistent with the Contractor's original unaltered Contract bid estimate of the costs. Original Project budgets for each division of the cost code accounts shall be traceable to the estimate in the event of an audit.

C. The District's minimum requirements are as follows:
1. The system capability shall provide a status of the cost for the Project on a monthly and cumulative basis.

2. The system shall provide a comparison analysis of the original budgeted costs, actual costs, remaining cost to complete and projected cost to complete, including variances, if any.

3. Adjustments to the original budgets shall be identified and traced separately including adjustments for changes in the Work (e.g., potential change orders, change orders, and disputes/claims).

D. In addition to the District’s other rights under the Contract Documents, the District shall have the right to review the Contractor’s computerized job cost reports upon notice to the Contractor. Failure to maintain computerized monthly job cost reports in accordance herewith shall constitute a waiver by the Contractor of its rights to seek additional compensation for delay, disruption, loss of productivity and total cost claims.

ARTICLE 4 - (Not Used.)

ARTICLE 5 - SUBCONTRACTORS

5.01 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

A. Unless otherwise stated in the Contract Documents or the bidding requirements, the Contractor, within five (5) working days after receiving bids, shall furnish in writing to the District, in addition to those in the Subcontractor’s Listing Form, the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each portion of the Work including lower tier Subcontractors. The District will promptly notify the Contractor in writing stating whether or not the District, after due investigation, has reasonable objection to any such proposed person or entity.

B. The Contractor shall not contract with a proposed person or entity to which the District has made reasonable and timely objection.

C. If the District has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the District has no reasonable objection. The District shall not be responsible for added costs, if any, of the Contractor retaining another person or entity.

5.02 SUBCONTRACTOR RELATIONS

A. By appropriate agreement the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the
Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities which the Contractor, by these Documents, assumes toward the District. Each subcontract agreement shall preserve and protect the rights of the District under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights. The Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement which may be at variance with the Contract Documents. Subcontractors shall similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

B. The Contractor shall require that each Subcontract (including, but not limited to contracts for provision of services, supply of goods, lease of equipment or tools, or labor) contain the following provision:

“Subcontractor does hereby release Contractor and the District, and save Contractor and the District harmless, from and against all claims and liabilities of every nature (including but not limited to injury to or death of Subcontractor’s employees, injury or damage to property or persons, attorneys’ fees, and court costs) directly or indirectly arising from the performance of this agreement, or, arising out of the failure of Subcontractor to comply with the requirement of the Subcontractor to provide a safe place to work (including as required by sections 3300, 6401 and 6406 of the California Labor Code) and from any claims, loss, damage, injury, death or liability however caused or incurred, including injury to or death of Subcontractor’s employees, resulting directly or indirectly from the nature of the work or provision of supplies or rental of equipment or tools covered by this agreement. Such duties to release and save Contractor and the District harmless shall apply to liability incurred or claimed as a result of negligence, regardless of responsibility for such negligence, including the active negligence of the Contractor or the District, provided; however, that nothing in this agreement purports to or should be understood to provide for indemnity of Contractor or the District for Contractor’s or the District’s sole negligence or willful misconduct.“

C. The Contractor agrees to assign the above-described indemnification rights to the District upon the occurrence of the following events:
1. The making of any claim, institution of any proceeding to recover damages or establish liability as to the District, or the notification of an intent to bring any claim as against the District for any loss, damage, injury, or relief from conditions arising out of or in anyway related to the Work; and

2. Written demand from the District to the Contractor for assignment of the express indemnification rights contained in the Subcontracts or other contracts for the provision of services, supply of goods, lease of equipment or tools, or labor.

5.03 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

A. Except as otherwise provided herein, each subcontract agreement for a portion of the Work is assigned by the Contractor to the District provided that:

1. assignment is effective only after termination of the Contract by the District for cause pursuant to Article 14 of these General Conditions, and only for those subcontract agreements which the District accepts by notifying the Subcontractor in writing; and

2. assignment is subject to the prior rights, if any, of the surety, obligated by the bond provided under the Contract.

ARTICLE 6 - CONSTRUCTION BY DISTRICT OR BY SEPARATE CONTRACTORS

6.01 DISTRICT’S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

A. The Contractor is alerted to the Project conditions of the areas in which work will be performed under the Contract. Certain governmental departments, public or private utility companies, and other contractors employed by the District may be working simultaneously with and in the vicinity of the Contractor’s work areas, and the District may award other contracts which may similarly affect the Contractor’s work.

1. Utility Relocation Work: The Contractor shall cooperate fully with all utility forces of the District or forces of other public or private agencies engaged in relocating, altering, or otherwise rearranging of any facilities which interfere with the progress or proper completion of the Work, and shall schedule the Work so as to minimize interference with said relocating, altering, or other rearranging of facilities.
B. When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the contractor who executes each separate District/Contractor Agreement.

C. The District reserves the right to perform other or additional work, within or adjacent to the limits of work specified at any time by the use of other forces or contractors. In the event that another contractor, in the course of performing work on behalf of the District, gives the Contractor written notice concerning work to be performed at the location(s) where the Contractor is already performing work, and if the District grants approval, the Contractor shall fully cooperate with said contractor and shall schedule and coordinate its work with the work of the other contractor and shall assume the following mutual responsibilities at no additional cost to the District.

1. The Contractor and the other contractor shall both execute identical agreements mutually indemnifying each other from any loss, damage, or injury that may be incurred as a result of the performance of work by the other while both are performing work in these areas.

2. The Contractor and the other contractor shall each add the other as an additional insured under their respective liability policies.

3. The party seeking to use portions of the construction site of the other to perform its work shall pay all direct costs incurred by the other party to accommodate its operations.

4. If the Contractor claims that delay or additional cost is involved because of such action by the District, the Contractor shall make such claim as provided elsewhere in the Contract Documents.

D. The District shall not be a party to any of the agreements between the Contractor and the other contractor and shall have no liability to the other party with regard to the lack of coordination and cooperation or the inability of a party to obtain work areas from the other party. The Contractor agrees to indemnify and hold harmless the District for any claims or losses that it or the other contractor may incur as a result of their inability to successfully negotiate the joint use of property under the control of one of the parties.

6.02 MUTUAL RESPONSIBILITY
A. The Contractor shall afford all such other contractors reasonable opportunity for storage of their materials, shall ensure that the execution of its Work properly connects and coordinates with work of all other pertinent contractors, and shall cooperate with said other contractors to facilitate the progress of the Work in such a manner as the District may direct.

B. Notice of Conflicting Conditions: Where the Contractor's Work is associated with that of another contractor, the Contractor shall examine the adjacent work and report in writing to the District any visible defect or condition preventing the proper execution of its Contract. If it proceeds without giving notice, the Contractor shall be held to have accepted the work or material and the existing conditions, and shall be responsible for any defects in its own Work consequent thereon, and shall not be relieved of any obligation or any guarantee because of any such condition or imperfection. This provision shall be included in any and all other contracts or subcontracts for Work to be performed where such a conflict could exist.

C. To the extent that any part of the Contractor's Work is to interface with work performed or installed by other contractors, the Contractor shall inspect and measure the in-place work and promptly report to the District any defect in such in-place work that will impede or increase the cost of the Contractor's interface unless corrected. The District will require the contractor responsible for the defective work to make corrections so as to conform to its contract requirements, or, if the defect is the result of a default or omission in the Contract Documents, issue a change order. If the Contractor fails to measure, inspect and/or report defects that are reasonably discoverable, all costs of accomplishing the interface acceptably shall be borne by the Contractor. The foregoing does not apply to latent defects. The Contractor shall report latent defects in another contractor's work at any time such defects become known, and the District or its authorized representatives shall promptly thereafter take such steps as may be appropriate.

D. The Contractor shall notify the District in writing when another contractor on this Project fails to coordinate its work with the Work of this Contract as directed.

E. The Contractor shall suspend any part of the Work herein specified or shall carry on the same in such manner as may be specified or shall carry on the same in such manner as directed by the District when such suspension or prosecution is necessary to facilitate the work of other contractors or workers. No damages or claims by the Contractor will be allowed therefore other than an extension of the time as specified in this Contract for the completion of the Work. Such an extension will be for a period of time, as the District shall consider the Contractor to have been delayed in the Completion of the Work by reason of the work of other contractors or workers.

F. The Contractor shall prepare coordination drawings as necessary, as determined by the District, to satisfactorily coordinate and interface the Work of its Contract with the work of all other contracts thereby avoiding conflicts that may otherwise arise.
G. At any time during the progress of the Work, the District shall have authority to require the Contractor to attend any conference of any or all of the contractors engaged in the Work, and any notice of such conference shall be duly observed and complied with by the Contractor.

6.03 COORDINATION

A. If the District determines that the Contractor is failing to coordinate its Work with the work of other contractors as directed, the District may upon seventy-two (72) hour written notice:

1. Withhold any payment otherwise owed hereunder until the Contractor complies with the District’s directions.

2. Direct others to perform portions of the Contract and charge the cost of Work against the Contract amount.

3. Terminate any and all portions of the Contract for the Contractor’s failure to perform in accordance with the Contract.

6.04 DISTRICT’S RIGHT TO CLEAN UP

A. If a dispute arises among the Contractor, separate contractors and the District as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials, rubbish, and excess materials and equipment, the District may, after twenty-four (24) hour written notice, clean up and allocate the cost among those responsible as it determines to be just.

ARTICLE 7 - CHANGES IN THE WORK

7.01 ADDITIONS, DELETIONS AND REVISIONS

A. The District, before the date of Project Completion, may order additions, deletions, or revisions in the Work herein required, and the Contractor shall promptly comply with such orders and proceed with the work, which shall be performed under the applicable requirements of the Contract Documents. Such additions, deletions, and revisions will be authorized by a Contract Modification as defined in Article 1.03 of the Contract General Conditions.

B. Additions, deletions, and revisions, which result in a change in the Contract Sum or Contract Time, shall be effected by a written Contract Modification, which has been approved by the District. Those additions, deletions, and revisions which do not result in a change in the Contract Sum or Contract Time, shall be effected by a written directive from the District such as a response to a Contractor generated
Request for Information. All addenda and change orders are subject to approval by the Division of the State Architect. See, the California Code of Regulations, Title 24, Part 1, section 4-338, under “Change Orders.”

C. Contract Modifications made pursuant to Article 7 of these General Conditions and extensions of Contract Time necessary by reason thereof, shall not in any way release any guarantees/warranties given by the Contractor pursuant to the provisions of the Contract Documents, nor shall such Contract Modifications relieve or release the sureties of bonds executed pursuant to said provisions. The sureties, in executing such bonds, shall be deemed to have expressly agreed to any such Contract Modification and to any extension of time made by reason thereof. The Contractor shall be responsible for giving notice of any change affecting the Work, Contract Sum or Contract time, which is required by the provisions of any bond to be given to a surety.

7.02 CONTRACT MODIFICATION PROCEDURES

A. Initiation: Additions, deletions, and revisions may be initiated by either the Contractor or the District. Contractor initiated Contract Modifications shall be in the form of a Request for Change (RFC). Notice and procedure requirements for RFCs are addressed in Article 2.07 of these General Conditions. The District will initiate Contract Modifications by issuing a Proposed Change Order (PCO), which will include a detailed description of the proposed modification with supplementary or revised Drawings and Specifications and request a quotation of cost of such additions, deletions or revisions and time of completion from the Contractor. The District reserves the right to order in writing such work arising from unforeseen or other anticipated conditions on a force account basis as provided in Paragraph 7.03 as may be determined by the District to be required for proper completion of the Work.

B. Cost Proposal Time Period: The Contractor shall submit a PCO cost proposal to the District within twenty one (21) calendar days upon receipt of the PCO. If the Contractor fails to submit a PCO cost proposal within twenty one (21) calendar days, or the price cannot be agreed upon, the District may issue a Unilateral Change Order instructing the Contractor to proceed with the proposed modification for subsequent inclusion in a Contractor Modification based on the District’s estimate of the cost. All requests for time extensions pursuant to Paragraph 8.02 or claims for damages for delay caused by the District’s processing of Contract Modifications will be reduced by the additional time in excess of that allowed for the Contractor to submit a cost proposal as provided hereinabove.

C. Cost Proposal Breakdown: The Contractor shall furnish two (2) copies of its cost proposal, and it shall include a complete itemized breakdown of labor, material, equipment, taxes, insurance, bonds, and markup for overhead and profit for both additions and deletions on a form supplied by the District. A complete itemized breakdown is also required for Subcontractor cost proposal on the same form as required for the Contractor. At a minimum, the following documentation shall be
provided to support Contractor and Subcontractor computations: material quantities, and types of products; labor breakdown by trade classification, wage rates, and estimated hours; equipment breakdown by make, type, size, rental rates, and equipment hours; taxes, insurance and bonds; justification for any adjustment in Contract Time including a schedule analysis identifying critical schedule activities delayed by the PCO.

D. Contractor Overhead and Profit: The Contractor's profit and overhead shall be based on a markup calculation and not a margin calculation. The markup for overhead and profit on Contract Modifications will be determined as follows:

1. For Work performed by the Contractor, the markup shall be equal to fifteen percent (15%) of the direct cost as defined herein. Costs of tax and insurance shall not be marked up.

2. For Work performed by a Subcontractor, the Contractor markup shall be five percent (5%) of the direct cost of the Subcontractor and the Subcontractor markup shall be fifteen percent (15%) of his own direct cost. Costs of tax and insurance shall not be marked up.

3. For Work performed by a Sub-Subcontractor, the Contractor markup shall be five percent (5%) of the direct cost of the Sub-Subcontractor, the Subcontractor markup shall be five percent (5%) of the Sub-Subcontractor direct cost, and the Sub-Subcontractor markup shall be fifteen percent (15%) of his own direct cost. Costs of tax and insurance shall not be marked up.

4. All tiers lower than the Sub-Subcontractor shall have their markup included in the Sub-Subcontractor markup.

5. In all cases the total markup on the direct cost shall not exceed twenty-five percent (25%). There shall be no compound markup.

The table below summarizes the allowable markups:

<table>
<thead>
<tr>
<th>Work Done By</th>
<th>Markup by</th>
<th>Contractor</th>
<th>Sub</th>
<th>Sub-Sub</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>15%</td>
<td></td>
<td></td>
<td></td>
<td>15%</td>
</tr>
<tr>
<td>Sub-Contractor</td>
<td>5%</td>
<td>15%</td>
<td></td>
<td></td>
<td>20%</td>
</tr>
<tr>
<td>Sub-Sub-Contractor</td>
<td>5%</td>
<td>5%</td>
<td>15%</td>
<td></td>
<td>25%</td>
</tr>
</tbody>
</table>

E. Direct Cost Defined: Direct costs shall only include the basic wage rates for labor, labor burden, material and equipment required for the Contract Modification.

1. Labor rates will not be recognized when in excess of those prevailing in the locality and time the Work under Contract Modification is being performed. The costs for all supervision, including general superintendents and foreman, shall be included in the markup defined herein. Working foreman will be considered a direct cost if the individual is on the project site only installing Work under Contract
Modification with no other work being performed at the time. A breakdown of the payroll rates for each trade used for Contract Modifications, shall be furnished to the District within 30 calendar days of the Contract Notice to Proceed.

2. Labor burden shall only include fringe benefits by governing trade organizations. No other costs will be included as labor burden.

3. Material costs directly required for the performance of the Contract Modification. Such costs may include the cost of transportation. If a trade reduction by an actual supplier is available to the Contractor, it shall be credited to the District. If the materials are obtained from a supplier or source owned wholly by or in part by the Contractor, payment thereof will not exceed the current wholesale price for the materials. The term “trade reduction” includes the concept of cash discounting.

   a. For general building construction, material shall be based on the most current Lee Saylor Book with a thirty percent (30%) reduction for material and labor figures.
   
   b. For concrete work, material and labor costs shall be based on the most current Lee Saylor Book.
   
   c. For electrical work, material costs shall be based on the most current Biddle Book, end column, with a ten percent (10%) reduction. Costs of all major equipment and/or material unlisted shall be based on vendor’s invoices. Copies of all invoices shall be provided as support documentation with each Contract Modification cost proposal.
   
   d. For mechanical work, material costs shall be based on the most current Trade Service Corporation Manual with a thirty percent (30%) reduction. Costs on all major equipment and/or material unlisted shall be based on vendor's invoices. Copies of all invoices shall be provided as support documentation with each Contract Modification cost proposal.

4. Equipment Costs: The allowance for equipment costs (both rental as well as Contractor-owned equipment) shall be based on eighty (80) percent of the Association of Equipment Distributors (AED) Blue Book rental rates. Hourly, daily, weekly, or monthly rates shall be used, whichever is lower. Hourly rates including operator shall not be used. Unless otherwise specified, manufacturer’s ratings, and manufacturer-approved modifications, shall be used to classify equipment for determination of applicable rental rates.

   a. The actual time to be paid for equipment shall be the time that the equipment is in productive operation on the Work under Contract Modification. In computing the hourly rental of equipment, any time less than thirty (30) minutes shall be considered one-half (1/2) hour. No payment will be made for time while equipment is inoperative due to breakdown, or for non-workdays. In addition, the rental time shall not include the time required to move the equipment to and from the project site. No mobilization or demobilization will be allowed for equipment already on site. If such equipment is not moved by its own power, then loading and transportation costs will be paid in lieu of rental time thereof.
However, neither moving time nor loading and transportation costs will be paid if the equipment is used on the Project Site in any other way than upon the work directly related to the Contract Modification.

b. Individual pieces of equipment having a replacement value of one thousand dollars ($1,000) or less shall be considered to be small tools or small equipment, and no payment will be made since the costs of these tools and equipment is included as part of the markup for overhead and profit defined herein.

c. Payment to the Contractor for the use of equipment as set forth above shall constitute full compensation to the Contractor for the cost of fuel, power, oil, lubricants, supplies, small equipment, necessary attachments, repairs and maintenance of any kind, depreciation, storage, insurance, labor (except for equipment operators), and any and all costs to the Contractor incidental to the use of the equipment.

5. Labor Productivity Rates: All Contract Modification work involving mechanical and electrical trades shall use labor productivity rates based on the following: Electrical labor productivity rates shall be based on the most current edition of N.E.C.A Column 1 with a five percent (5%) reduction. Wet side mechanical labor productivity rates shall be based on the most current edition of "M.C.A. Standards" with a twenty percent (20%) reduction. Dry side mechanical labor productivity rates shall use SMACNA Standards at a twenty (20%) percent reduction.

F. Costs Included as part of the Markup for Project General Conditions (hereinafter "Overhead"), and Profit: All Contract Modification costs not specifically listed above as a direct cost shall be included in the markup for general conditions, including overhead and profit. No separate allowance or itemization for general conditions, including overhead costs shall be allowed. Below is a list of costs, which is not intended to be comprehensive, of the type of costs included in the markup for overhead and profit for all Contract Modifications including Force Account Work.

1. Field and home office personnel including, but not limited to, principals, project managers, superintendents, supervisory foremen, estimators, project engineers, detailers, draftsmen, schedulers, consultants, watchmen, payroll clerks, administrative assistants, and secretaries.

2. All field and home office expenses including, but not limited to, field trailers, parking, storage sheds, office equipment and supplies, telephone service and long distance telephone calls, fax machines, temporary utilities, sanitary facilities and services, janitorial services, small tools and equipment with a cost under $1000 each, portable scaffolding, blocking, shores, appliances, job vehicles, security and fencing, conformance to regulatory requirements including compliance to safety regulations, safety programs and meetings, cartage, warranties, as-builts, as well as any related maintenance costs.

3. Administrative functions such as, but not limited to, reviewing, coordinating, distributing, processing, posting, recording, estimating, negotiating, expediting, engineering, drawing, detailing, revising shop drawings, carting, layout,
cleaning, protecting the work, and other incidental Work related to the Contract Modifications.

4. All other costs and taxes required to be paid, but not included under direct costs as defined above.

G. Miscellaneous Requirements:

1. For individual items within a Contract Modifications that only include deleted work of a Contractor or Subcontractors that would receive fifteen percent (15%) for work performed, the District shall receive a credit markup of ten percent (10%). Neither the Contractor nor the Subcontractor shall be allowed a positive markup on their respective Subcontractors to administer the credit Contract Modification.

2. When both additions and credits are involved in any one Contract Modification, the Contractor shall calculate its labor productivity and costs based on the net change in the quantity of the work for each item listed. For example, if a Contract Modification adds 14 light fixtures on one drawing and deletes 5 on another drawing, the "net change in quantity" is 9, and the labor productivity rates and costs shall be based on the net add of 9 light fixtures.

3. The Contractor shall be solely responsible for determining which of its Subcontractors receive Contract Modifications. No additional compensation will be provided the Contractor for the Subcontractor's cost to review, post, coordinate and perform related tasks to administer Contract Modifications that do not result in direct cost charges from said Subcontractor. Such costs are considered normal business costs that are contractually determined prior to bid between the Contractor and its subcontractors, and that such costs shall be included in the Total Lump Sum Bid.

4. Taxes: Federal excise tax shall not be included. The District will issue an exemption on request.

5. Insurance and Bond Premiums: The actual cost to the Contractor of the following will be allowed with no markup for overhead and profit: Federal Insurance Contributions Act taxes, bond premiums, Federal and State Unemployment taxes; and net actual premium paid for public liability, workers' compensation, property damage, and other forms of insurance required by the District.
H. Records: The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of Contract Modifications and the cost of the original Work. This requirement pertains to all types of Contract Modifications, as well as the Contractor’s Requests for Changes and Claims.

I. Notice of Delay: Contractor shall notify the District of all anticipated delays resulting from proposed time extensions included with Contract Modification cost proposals, and Request for Changes.

J. Change Order: When the District and Contractor agree on the total cost and time of a PCO, the District will prepare a Change Order to formally implement the work described in the PCO.

K. Oral Instructions: No oral instruction of any person whomsoever shall in any manner or degree modify or otherwise affect the terms of this Contract.

7.03 FORCE ACCOUNT CHANGE ORDER

A. General: When Work, a definite price for which has not been agreed upon in advance, is to be paid for on a force account basis, all direct costs necessarily incurred and paid by the Contractor for labor, material and equipment used in the performance of such work, shall be subject to the approval of the District and compensation will be determined as set forth herein.

1. The District will issue a Force Account Change Order to proceed with the Work on a force account basis, and the District will establish a not to exceed budget.

2. With the exception of labor productivity rates for mechanical and electrical work, all requirements regarding direct cost for labor, labor burden, material, equipment and markups on direct costs for overhead and profit described in Article 7.01 and 7.02 of these General Conditions shall apply to Force Account Change Orders. However, the District will only pay for actual costs verified in the field by the District on a daily basis.

3. The Contractor shall be responsible for all cost related to the administration of Force Account Change Orders. The markup for overhead and profit for Contractor Modifications shall be full compensation to the Contractor to administer Force Account Change Orders.
B. Notification: The Contractor shall notify the District at least twenty-four (24) hours prior to proceeding with any of the force account work. In addition, the Contractor shall notify the District when it has consumed eighty percent (80%) of the budget, and shall not exceed the budget unless specifically authorized in writing by the District. The Contractor will not be compensated for force account work in the event the Contractor fails to timely notify the District regarding the commencement of force account work, or exceeding the force account budget.

C. Reports: The Contractor shall diligently proceed with the work, and on a daily basis, submit a daily force account report on a form supplied by the District no later than 5:00 p.m. that day. The report shall contain a detailed itemization of the daily labor, material, and equipment used on the force account work. The names of the individuals performing the force account work shall be included on the daily force account reports. The type and model of equipment shall be identified and listed. The District will review the information contained in the reports, and sign the reports no later than the next work day, and return a copy of the report to the Contractor for their records. The District will not sign, nor will the Contractor receive compensation for work the District cannot verify. The Contractor will provide a weekly force account summary indicating the status of each Force Account Change Order in terms of percent complete of the NTE budget and the estimated percent complete of the work.

D. Agreement: In the event the Contractor and District reach a negotiated, signed agreement on the cost of a Contract Modification while the work is proceeding based on a Force Account Change Order, the Contractor's signed daily force account reports shall be discontinued and all previously signed reports shall be invalid.

7.04 UNILATERAL CHANGE ORDERS

A. General: When time does not allow for the Contract Modification to be negotiated through the PCO process, or when the District and the Contractor are unable to agree on the cost or time required to complete the change in the Work described in the PCO, the District may issue a Unilateral Change Order instructing the Contractor to proceed with the Work based on the District’s estimate of cost and time to perform the change in the Work, if any. Upon receipt of a Unilateral Change Order, the Contractor shall proceed with the ordered Work.

B. Protest: Should the Contractor disagree with any terms or conditions set forth in a Unilateral Change Order, which the Contractor has not executed, the Contractor shall submit a written RFC within seven (7) calendar days of receipt of said Unilateral Change Order and before proceeding with the Work thereof. If a written RFC is not submitted as required, the Contractor hereby waives all rights to additional compensation for said work, and payment will be made as set forth in the Unilateral Change Order and such payment shall constitute full compensation for Work included therein or required thereby. After the RFC has been filed, and after the Unilateral Change Order work is completed in the field, the Contractor shall notify the District within seven (7) calendar days of its intent to submit a claim for
the cost differential between the Contractor's actual cost and the District's estimate included in the Unilateral Change Order. The Contractor shall then submit a claim in accordance with the requirements of Article 2.07 of these Contract General Conditions. The Contractor shall waive its rights to claim if notice is not provided as stipulated above.

7.05 UNIT PRICE CHANGE ORDERS

A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the established Unit Price for each Bid Item of unit price Work times the estimated quantity of each item as indicated in the Schedule of Bid Prices. The estimated quantities of unit price Bid items are not guaranteed and are solely for the purpose of comparing Bids and determining an initial Contract Total Lump Sum Bid. Determination of that actual quantities and classifications of Unit Price Work will be made by the District in accordance with Section 01027 - Application for Payment.

1. Each Unit Price bid on the Schedule of Bid Prices shall include an amount considered by the Contractor to cover Contractor's markup for overhead and profit provided in Paragraph 7.02.

B. Procedure: For pre-determined unit prices and quantities, a Unit Price Change Order will be executed on a fixed unit price basis. An adjustment in the Contract Unit Price may be made for changes which result in an increase or decrease in the quantity of any unit price Bid Item of the Work in excess of thirty percent (30%) of the estimated quantity indicated on the Schedule of Bid Prices, or for eliminated items of Work.

C. Quantity Increases: Should the total quantity of any item of Work required under the Contract exceed the estimated quantity indicated on the Schedule of Bid Prices by more than thirty percent (30%), the Work in excess one-hundred thirty percent (130%) of such estimated quantity will be paid for by adjusting the Contract Unit Price as hereinafter provided, or at the District's option, payment for the Work involved in such excess will be made on a contract modification procedure or force account basis as provided in Paragraph 7.02 or 7.03.
1. Such adjustment of the Contract Unit Price will be the difference between the Contract Unit price and the actual unit cost, which will be determined as hereinafter provided, of the total pay quantity of the item. If costs applicable to such item of work include fixed costs, such fixed costs will be deemed to have been recovered by the Contractor by payment made for one hundred thirty percent (130%) of the Schedule of Bid Price quantity for such item, and in computing the actual unit cost; such fixed costs shall be excluded. Subject to the above provisions, such actual unit cost will be determined by the District in the same manner as if the Work were paid for on contract modification procedure or force account basis as provided in Paragraph 7.02 or 7.03, or such adjustment will be as agreed to by the Contractor and the District.

2. The payment for the total pay quantity of such item of Work will in no case exceed the payment which would be made for the performance of 130 percent of the estimated quantity as indicated on the Schedule of Bid Prices at the original Contract Unit Price.

D. Quantity Decreases: Should the total quantity of any item of Work required under the Contract be less than seventy percent (70%) of the estimated quantity indicated in the Schedule of Bid Prices, an adjustment in compensation will not be made unless the Contractor submits a written RFC as provided in Paragraph 2.07. If the Contractor so requests, the quantity of said item performed will be paid for by adjusting the Contract Unit Price as hereinafter provided, or at the District's option, payment for the Work involved will be made on a force account basis as provided in Paragraph 7.03, provided however, that in no case shall the payment for such Work be less than that which would be made at the Contract Unit Price.

1. Such adjustment of the Contract Unit Price will be the difference between the Contract Unit price and the actual unit cost, which will be determined as hereinafter provided, of the total pay quantity of the Item, including fixed costs. Such actual unit cost will be determined by the District in the same manner as if the Work were paid for by a contract modification procedure or on a force account basis as provided in Paragraph 7.02 or 7.03; or such adjustment will be as agreed to by the Contractor and the District.

2. The payment for the total pay quantity of such item of Work will in no case exceed the payment which would be made for the performance of 70 percent of the estimated quantity as indicated on the Schedule of Bid Prices at the original Contract Unit Price.

E. Deleted Items: Should any Contract Bid item of Work be deleted in its entirety, payment will be made to the Contractor for its actual direct costs incurred in connection with such deleted Contract Bid item if incurred prior to the date of notification in writing by the District of such deletion.

1. If acceptable material is ordered by the Contractor for the deleted item prior to the date of notification of such deletion by the District, and if orders for such material cannot be canceled, it will be paid for at the actual cost to the Contractor. In such case, the material paid for shall become the property of the District and the District will pay for the actual cost of any further handling. If the
material is returnable to the vendor and if the District so directs, the material shall be returned and the Contractor will be paid for the actual cost of charges made by the vendor for returning the material. The actual cost of freight in returning material will be paid for.

2. The actual costs or charges to be paid by the District to the Contractor for any deleted Contract item will be computed in the same manner as if the Work were to be paid on contract modification or force account basis as provided in Paragraph 7.02 or 7.03.

7.06 AUDITS

A. The District shall have the right to examine and audit all books, estimates, records, contracts, documents, bid documents, bid cost data, subcontracts, job cost reports, and other data of the Contractor, Subcontractors, and suppliers including computations, and projections related to bidding, negotiating, pricing, or performing the Work, or Contract Modification in order to evaluate the accuracy, completeness, and currency of the cost or pricing data at no additional cost to the District.

B. The Contractor shall make available at its office at all reasonable time the materials described in Subparagraph 7.06A herein before for examination, audit, or reproduction, until three (3) years after final payment under this Contract.

C. For this contract, the Contractor shall insert a clause containing all the provisions of Article 7 herein before, including this Paragraph, in all subcontracts over Ten Thousand Dollars ($10,000).

ARTICLE 8 - TIME

8.01 PROGRESS AND COMPLETION

A. Time is of the essence. The Contractor shall commence the Work of the Contract within five (5) calendar days from issuance of written Notice to Proceed from the District and shall diligently prosecute the Work to Project Completion.

B. The Notice to Proceed will be issued by the District any time within two months from the date of execution of the Agreement.

C. The continuous prosecution of the Work by the Contractor shall be subject only to the delays defined hereinafter. The start of Work shall include attendance at pre-construction conferences, preparation and submittal of Shop Drawings, equipment lists, Schedule of Values, CPM construction schedules, requests for substitutions and other similar activities. Submittals shall be prepared in accordance with the Contract Documents and shall be made within the time limits
required. It may be necessary that certain portions of the work be completed at different times to minimize disruption of school activities and maintain continued smooth operations of the District. The Contractor shall coordinate with the District and include these interface activities in the Contract Schedule.

D. The Work of this Contract shall be brought to Substantial Completion, as determined by the District, in the manner provided for in the Contract Documents and in the numbers of calendar days set forth as follows, from and after the receipt by the Contractor of the written Notice to Proceed.

1. CONTRACT TIME: The Contract Time shall be as defined in the Instructions to Bidders for calendar days beginning with and including the official date of Notice to Proceed to the official date of Notice of Completion, both issued by the District.
   
   a. Notice of Completion is a document issued by the District to the Contractor acknowledging that the Work is complete and the building is ready for occupancy by the District in its entirety.
   
   b. Notice of Project Completion is a document issued by the District to the Contractor acknowledging that the Project is complete.

2. The time limit for the Work as specified shall not be affected by the acceptance of any of the alternate(s); provided that said Alternates were incorporated into the Contract within 6 months after Notice to Proceed.
E. Failure to reach the completion dates as provided hereinabove, as determined by the District, within the required number of calendar days, and in the manner required by the Contract Documents, shall subject the Contractor to liquidated damages as stipulated hereinafter, unless extensions of time are granted in accordance with the provisions hereinafter.

F. The Contractor shall at all times keep on the premises sufficient material and employ sufficient supervision and workers to prosecute the Work at the rate necessary to reach completion dates required hereinabove of the Work herein required within the times specified in the Agreement and in accordance with the initial Contract schedule. Work shall not start and the Project be left in an incomplete state for an indeterminate period of time, while equipment and materials are in transit.

G. It shall be the responsibility of the Contractor to maintain its schedule so as not to delay the progress of the Project or the schedules of other contractors. The Contractor is required by virtue of this Contract to cooperate in every way possible with other contractors in order to maintain its Contract duration. Except as otherwise provided, no additional compensation will be paid for such cooperation. If the Contractor delays the progress of the project or the progress of other contractors, it shall be the responsibility of the Contractor to take some or all of the steps outlined hereinafter to improve its progress.

H. If, in the opinion of the District, the Contractor falls behind the Contract and current update of the Contract schedule and is not entitled to an extension of time, as presented in these Contract Documents, the Contractor shall take some or all of the steps outlined below to improve its progress at no additional cost to the District, and shall submit operational plans to demonstrate the manner in which the desired rate of progress may be regained.

I. Whenever it becomes apparent that the Contractor due to its own actions has fallen behind the required rate of progress, or delays the progress of other contractors, some or all of the following steps must be taken.

   1. Increase construction manpower in such quantities and crafts as will substantially eliminate the backlog of Work.

   2. When permitted in writing by the District, work overtime or increase in amount of construction equipment sufficient to substantially eliminate the backlog of work.

   3. Reschedule activities to achieve maximum practical concurrence of accomplishment of activities.

   4. Expedite delivery of materials and equipment such as by airfreight.

   5. Accelerate the priority of manufacture or fabrication of Work on order with the manufacturer, vendor, or supplier should such priority lists exist as a
normal course of its business. Said acceleration shall also apply to shipment preparation.

6. Any other means deemed appropriate.

J. If the District directs the Contractor to take measures previously described, the Contractor shall bear all costs of complying, including additional administrative costs for the District and the District representatives.

K. Should the Contractor at any time during the progress of Work, refuse, neglect, or be unable for avoidable reasons to supply sufficient materials, supervision, or workers to prosecute the Work at the rate necessary to complete the Work within the time specified in this Contract, in accordance with the currently accepted updated construction schedule, the District shall have the right to terminate the Contract as hereinafter set forth or it may give this Contractor written notice, specifying the default and requiring its correction. If the Contractor does not comply with such notice from the District within three (3) days of the date of services thereof, the District shall have the right to provide the materials and workers to finish said Work. The sums necessary to meet the expenses thereby incurred shall be deducted from any monies due or which may thereafter become due under the Contract, and paid to persons supplying such materials and doing such Work. The amount of any such payments shall be deducted from the construction fund set aside for the purposes of this Contract and charged to the Contractor as if paid to it.

8.02 DELAYS AND EXTENSIONS OF TIME

A. Unavoidable Delays:

1. For the purposes of these Contract Documents the term "Unavoidable Delay" shall mean an interruption of the Work beyond the control of the Contractor, and which could have not been avoided by the Contractor's exercising care, prudence, foresight, and diligence. Moreover, the Contractor must demonstrate that the "Unavoidable Delay" actually extended the most current Contract Project Completion Date.

a. The Contractor will be entitled to a time extension for the following types of "Unavoidable Delay" but at no additional compensation: Acts of God; acts of the public enemy; inclement weather conditions; fires; floods; windstorms; tornadoes; earthquakes; wars; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sit-downs; slowdowns; other labor trouble; labor shortages; material shortages; fuel shortages; freight embargoes; acts of government agencies outside the District; acts of public utilities; priorities or privileges established for the manufacture, assembly or allotment of material by order, decree, or otherwise of the United States. This list is not intended to be comprehensive, and similar types of delay will not entitle the Contractor to additional compensation or a compensable time extension.

b. The Contractor shall be entitled to a compensable time extension for an "Unavoidable Delay" caused by a Contract Modification initiated or caused by the
District provided such unavoidable delay is critical, extends the most current Contract Completion date, and is not concurrent with a Contractor caused delay or other type of Unavoidable delay previously defined. All other types of "Unavoidable delay" shall not entitle the Contractor to a compensable time extension which shall be the total amount included in the Contract Modification.

c. The Contractor shall be entitled to a non-compensable time extension in the event a compensable "Unavoidable Delay" is concurrent with either a Contractor generated "Avoidable Delay," or a non-compensable "Unavoidable Delay."

B. Avoidable Delays:

1. The term "Avoidable Delay" shall include, but is not limited to the following:

   a. Any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor;

   b. Any delay in the prosecution of parts of the Work, which may in itself be unavoidable, but which does not necessarily prevent or delay the prosecution of other parts of the Work, nor delay the specified Project Completion date;

   c. Any delay caused by the untimely review by the Contractor of the Contract Drawings and Specifications pursuant to Document 00700 paragraph 3.01E;

   d. Any delay arising from an interruption in the prosecution of the Work resulting from a reasonable interference from other contractors employed by the District, but does not delay the specified Project Completion date.

C. Inclement Weather Delays:
1. Inclement weather shall not be a prima facie reason for the granting of a non-compensable time extension, and the Contractor shall make every effort to continue Work under prevailing conditions. Such efforts by the Contractor shall include, but are not limited to, providing temporary gravel roads; installing a rain de-watering system; protecting interior and exterior areas exposed to rain, wind, and extreme temperatures; and installing protective covers at roof, window or other openings; and providing temporary heat where required for work to proceed without delay.

2. The District may classify an inclement weather day as a non-compensable "Unavoidable Delay," provided the Contractor made efforts to work during inclement weather and to avoid the impacts of inclement weather to its schedule. If such an event occurs, and the Contractor is prevented by inclement weather or conditions from proceeding with at least seventy-five percent (75%) of the scheduled labor, material and equipment resources for at least five (5) hours per work day on activities shown as critical on the most current and accepted schedule update, the delay will be classified as an "Unavoidable Delay," and the Contractor will be granted a non-compensable time extension. The Contractor is to notify the District, in writing, on each day this occurs.

3. Regardless of the type and severity of the inclement weather, the Contractor shall be responsible for all costs to make efforts to mitigate the impacts of inclement weather during the Contract duration.

D. Notice of Delay: The Contractor shall promptly notify the District in writing of any anticipated delay in the prosecution of the Work, and, in any event, promptly upon the occurrence of a delay. Said notice shall constitute an application for an extension only if the notice requests such extension and sets forth the Contractor's estimate, if feasible, of the additional time required together with a full recital of the cause of delay relied upon. The District may take steps to prevent the occurrence or continuance of the delay and may determine to what extent the Project Completion is delayed thereby. The determination of the existence of any delay for which an extension of time will be granted will be based on whether such delay can be demonstrated by the Contractor to extend the Contractor's current critical path on the construction schedule or require the formulation of a new extended critical path. If notice of a delay is not submitted on or prior to three (3) consecutive working days after the start of the occurrence of such a delay, the Contractor thereby admits the occurrence had no effect on the length of its duration of Work, and no extension of time is necessary, and no extension of time will be granted by the District. In either case the Contractor will not be entitled to extra compensation.

E. Extensions of Time:

1. In the event it is deemed necessary by the District to extend the time of completion of the Work to be done under these Contract Documents beyond the required dates of the completion herein specified, such extensions shall in no way release any guarantees/ warranties given by the Contractor pursuant to the
provisions of the Contract Documents, or the Contract let hereunder, nor shall such extension of time relieve or release the sureties on the bonds executed pursuant to said provision. The sureties in executing such bonds shall be deemed to have expressly agreed to any such extension of time. The amount of time allowed in any extension of time shall be limited to the period of the delay-giving rise to the same as determined by the District. The granting of an extension of time because of a delay shall in no way operate as a waiver on the part of the District of the right to collect damages or of any other rights to which the District are entitled. All guarantees and warranties shall begin after final completion.

2. Should the Contractor, any Subcontractor of any tier or any supplier of any tier seek an extension of time for the completion of the Work under the provisions of this Paragraph, the Contractor and/ or Subcontractor and/ or supplier must submit justification for the extension of the time requested and otherwise comply with all provisions of these Contract Documents with respect to requests for extensions of time.

3. Neither this provision, nor any other provision of the Contract Documents, are intended by the parties to be contrary to any express provision of law. The parties specifically agree, acknowledge and warrant that neither this provision, nor any other provision of the Contract Documents, has for its object, directly or indirectly, the exemption of the District, the Architect, their consultants, and their respective directors, officers, members, employees, and authorized representatives from responsibility of their own sole negligence, violation of law or other willful injury to the person or property of another.

8.03 NOTICE OF LABOR DISPUTES

A. Whenever the Contractor has knowledge that any actual or potential labor dispute is delaying or is threatening to delay the timely performance of its Contract, the Contractor shall immediately give notice thereof, including all relevant information with respect thereto, to the District. In addition, the Contractor shall take all appropriate measures to eliminate or minimize the effect of such labor dispute on the currently accepted construction Schedule, including but not limited to such measures as: promptly seeking appropriate injunctive relief; filing appropriate charges with the National Labor Relations Board under the applicable provisions of the Labor Management Relations Act of 1947, as amended; filing appropriate damage actions; taking such measures as establishing a reserved gate, as appropriate; if reasonably feasible, seeking other sources of supply or service; or any other measures that may be appropriately utilized to limit or eliminate the effect of the labor dispute. To the extent the Contractor fails to initiate measures that are appropriate, it is not entitled to an extension of time. In addition, any delay impact on any other Contractor’s schedule or on the Construction Schedule will be considered as a Contractor-caused delay under any and all applicable provisions of the Contract.
ARTICLE 9 - PAYMENTS AND COMPLETION

9.01 CONTRACT SUM

A. Payment to the Contractor at the lump sum price fixed in the Contract for performing all Work required under the Contract, as adjusted for any Contract Modifications approved as hereinbefore specified, shall be full compensation for furnishing all labor, materials, equipment and tools necessary to the Work, and for performing and completing, in accordance with these Contract Documents, all Work required under the Contract, and for all expenses incurred by the Contractor for any purpose in connection with the performance and completion of said Work.

9.02 SCHEDULE OF VALUES

A. Within 10 days of the date of commencement shown in the Notice to Proceed the contractor shall submit a schedule of values to the owner for review. This schedule of values shall breakdown the contract price into various estimated items of work, together with the contractor's allowance for overhead, insurance and profit. The contractor's overhead, insurance, profit and other such costs, shall be prorated through all items so that the sum of all items in the schedule of values shall equal the contractor's total lump sum bid. This breakdown, which must be approved by the owner, will be the basis for determining the value of work performed for purposes of making payments to the contractor.

B. The contractor's schedule of values shall include a separate line item for "project closeout" (with an assigned value attributed to it.)

C. The contractor's schedule of values shall include a separate line item for "building commissioning " (with an assigned value attributed to it.)

D. The Contractor shall not submit an application for payment without an approved schedule of values.

9.03 PROGRESS PAYMENTS

A. Subject to the conditions set forth in these General Conditions, and to the authorization of the District or the authorized representatives of the District, payment shall be made upon demand of the Contractor and pursuant to the Contract Documents as follows.

B. The District will, on or about the twentieth (20th) day of each month after receiving the Contractor's monthly Schedule update, make an estimate of the value of the Work done by the Contractor completed after that included in the last preceding estimate in performance of the Contract. The monthly value of the Work described shall be estimated by the District pursuant to the applicable schedule of values prepared in accordance with Paragraph 9.02. Estimates need not be based
on strict measurements, but may be approximate only, and will be in due proportion
to the total amount, considering payments previously made, that will have become
due for such Work satisfactorily completed under the Contract. No allowance will be
made for materials or equipment not incorporated into the Work.

C. On the 25th of each month, the Contractor shall submit to the District
Representative for review an Application for Payment filled out and signed by the
Contractor covering the Work completed as of the date of the Application and
accompanied by such supporting documentation as otherwise set forth in the
Contract Documents.

1. No payment shall be made for materials and equipment not
incorporated in the Work.

D. The Application for Payment shall identify the amount of the Contractor's
total earnings to date.

E. Monthly progress payment amounts to the Contractor shall be based upon
completed Work activities or percentages of Work activities completed prior to the
end of the payment period. The District following the formal approval of the
Schedule of Values shall transmit a detailed payment procedure to the Contractor.

F. Monthly payment applications shall be based on information developed at
monthly Application for Payment Approval Meetings and shall be prepared by the
Contractor. Submission of Schedule updates for same period of Progress Payment
Application shall be a condition precedent to making progress payment applications.
Contractor shall submit monthly Schedule update information to the District three
(3) working days after the Construction Schedule Approval Meeting and before
submission of the progress payment application. No progress payment shall be
made to the Contractor until all cost information requested by the District is
submitted and reviewed.

G. As soon as practicable after making of each progress estimate, the District
will pay to the Contractor in a manner provided by law, an amount equal to ninety
percent (90%) of the value, based upon Contract prices, of labor and materials
incorporated in the Work at the Project site up until midnight of the twenty-fifth
(25th) day of the current month less the aggregate of previous payments, provided
that payments may be withheld at any time that the Work, in the District's
estimation, is not proceeding in accordance with the Contract, or as otherwise
provided in Paragraph 9.05. When the District determines that the Work is fifty
percent (50%) complete, the Contractor is making satisfactory progress and there
is no specific cause for greater withholding, progress payments may be made not to
exceed an amount the lesser of either ninety-five percent (95%) of the value of the
Work and labor, equipment and material furnished or ninety-five percent (95%) of
the Contract Sum.
1. The payment shall be made within 30 calendar days after application has been made and certified by the District.

H. In accordance with the provisions of the California Public Contract Code, the Contractor will be permitted to substitute securities for any moneys withheld by the District to ensure performance under the Contract.

I. Payment for material stored on or off the Site will not be allowed. Where advance payment is allowed at the sole discretion of the District necessary to keep the Project on schedule for very large, long lead items, proof of off-site material purchases (invoices and checks) and appropriate insurance coverage will be required. The Contractor shall furnish to the District written consent from the Surety approving the advanced payment for materials stored off site. The maximum prepayment allowed by the District shall be 75 percent of the actual value of the item being considered. The District and the District Representative shall be the sole judges of fair market value. The Contractor shall protect stored materials from damage. Damaged materials, even though paid for, shall not be incorporated into the work.

J. No inaccuracy or error in said monthly estimates shall operate to release the Contractor or Surety from damages arising from such Work or from the enforcement of each and every provision of the Contract Documents, and the District shall have the right subsequently to correct any error made in any estimate for payment.

K. The granting of any progress payment, or the receipt thereof by the Contractor, shall not constitute acceptance of the Work or any portion thereof, and shall in no way lessen the liability of the Contractor to replace unsatisfactory Work or material, though the unsatisfactory character of such Work or material may not have been apparent or detected at the time such payment was made.

L. It is mutually understood and agreed that the District may withhold from any payment otherwise due Contractor so much as may be necessary to protect the District to insure completion of the project pursuant to the requirements of this Contract. The failure or refusal of the District to withhold any moneys from the Contractor shall in no way impair the obligations of any surety or sureties under any bonds furnished under this Contract.

M. Only Contract Modifications completely approved and executed shall be included on the Payment Authorization and only that portion of the Change Order work actually performed shall be submitted for payment. Submit breakdown for each Contract Modification by Specification Section number on Application for Payment.

9.04 PAYMENT AUTHORIZATION

A. The District will, after receipt of the Contractor’s Application for Payment, issue a Payment Authorization to the Controller’s Office for such amount as the District and District Representative determine is properly due. The District will
notify the Contractor in writing of the reasons for withholding authorization in whole or in part as provided hereinafter.

B. A Payment Authorization will be issued by the District, based on the District's representation of observations at the site and the data comprising the Application for Payment, that the Work has progressed to the point stated in the Application for Payment and that the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents, to results of subsequent tests and inspections, to minor deviations from the Contract Documents correctable prior to completion. The issuance of a Payment Authorization will further constitute a representation that the Contractor is reasonably entitled to payment in the amount authorized. However, the issuance of a Payment Authorization will not be a representation that the District has:
1. Made exhaustive or continuous on-site inspections to check the quality or quantity of the Work;

2. Reviewed construction means, methods, techniques, sequences or procedures;

3. Reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the District to substantiate the Contractor’s right to payment; or

4. Made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

9.05 DECISIONS TO WITHHOLD PAYMENT

A. The District may decide not to authorize payment and may withhold a Payment Authorization in whole or in part, to the extent reasonably necessary to protect itself, if in its opinion the representations required by Subparagraph 9.04 B cannot be made. If the District is unable to authorize payment in the amount of the Application, the District will notify the Contractor as provided in Subparagraph 9.04 A. If the Contractor and District cannot agree on a revised amount, the District will promptly issue a Payment Authorization for the amount it deems proper. The District may also decide not to authorize payment or, because of subsequently discovered evidence or subsequent observations, may nullify the whole or a part of a Payment Authorization previously issued, to such extent as may be necessary in its opinion to protect itself from loss because of:

1. Defective Work not remedied;

2. Third party claims filed or reasonable evidence indicating probable filing of such claims;

3. Reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;

4. Damage to the District or another contractor;

5. Reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay;

6. Failure to carry out the Work in accordance with the Contract Documents;
7. Failure to timely submit Contract Modification cost breakdowns in accordance with the Contract Documents;

8. Failure to timely submit schedules, schedule updates and reports in accordance with the Contract Documents;

9. Failure to timely maintain updated “as-built” Contract Documents;

10. Failure to submit Coordination Drawings in accordance with the General Requirements;

11. Failure to submit Record Documents in accordance with the General Requirements;

12. Failure to submit certified payroll records in accordance with the Contract Documents; or

13. Failure to timely comply with other requirements of the Contract Documents.

B. When the above reasons for withholding authorization are removed, authorization will be made for amounts previously withheld.

9.06 PARTIAL OCCUPANCY OR USE
A. Whenever, in the opinion of the District, the Work or any part thereof is in a condition suitable for use, and the best interest of the District requires such use, the District may take possession of, connect to, open for public use, or use the Work or a part thereof at no additional cost to the District. When so used, maintenance and repair due to ordinary wear and tear or vandalism of District’s responsibility will be made at the District’s expense. The use by the District of the Work or part thereof shall in no case be construed as constituting completion of the Work. Such use shall neither relieve the Contractor of any of its responsibilities under the contract, nor act as a waiver by the District of any of the conditions thereof.

B. Such partial occupancy or use may commence whether or not the portion has achieved Substantial Completion. The District shall determine the stage of the progress of the Work.

C. Immediately prior to such partial occupancy or use, the Contractor and District shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

D. Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

E. Contractor shall perform final cleaning of portions of the Work to be partially occupied or used as specified in the General Requirements.

9.07 PROJECT COMPLETION AND FINAL PAYMENT
A. When the Contractor considers that the Work is complete including all contractual requirements, including but not limited to all start-up services, warranties, guarantees, as-builds, etc, and requests that the District prepare a Notice of Completion, Contractor shall notify the District in writing. Within seven (7) days from receipt of the Contractor's written notification, the District will make an inspection to determine whether the Work is complete. If the District determines the work is not complete, the District will provide the Contractor with a deficiency list (Punch List) of all items that must be corrected or completed before the District would consider the Work complete. This list will be provided to the Contractor within fourteen (14) calendar days from receipt of the Contractor's written notification. Once the Contractor has completed all items on the deficiency list, the Contractor can request a second inspection by the District to verify the Work is complete. If the Work is not complete, the District will follow the same procedure as for the first inspection, and the Contractor shall reimburse the District and the District's representatives for all of their costs related to the second inspection and any inspection thereafter. When the Work is considered completed, the District shall prepare a Notice of Completion, which shall establish the date of Completion.

B. If additional inspections are required, to include special inspections such as fire alarm certification, all costs of the District and District representatives conducting such additional inspections shall be deducted from progress payments owed the Contractor.

C. The remaining value of the Work performed under this Contract, if unencumbered, shall be processed for payment after thirty-five (35) days after the date the Certificate of Completion is filed by the District. Acceptance by the Contractor of said final payment shall constitute a waiver of all claims against the District arising under the Contract Documents. As a condition precedent to final payment, the Contractor shall furnish a "release" pursuant to the following subparagraph.

1. The Contractor and each assignee under any assignment in effect at the time of final payment shall, if required by the District, execute and deliver at the time of final payment as a condition precedent to final payment, a release in form and substance satisfactory to and containing such exemptions as may be found appropriate by the District, discharging the District, and the District's Consultants, and their directors, officers, members, employees, agents and authorized representatives, of and from all liabilities, obligations and claims arising under this Contract.

9.08 LIQUIDATED DAMAGES

A. Determination of Damages: The actual fact of the occurrence of damages and the actual amount of the damages which the District would suffer if the Work were not completed within the specified time set forth are dependent upon many circumstances and conditions which could prevail in various combinations and, from the nature of the case, it is impracticable and extremely difficult to fix the actual
damages. Damages which the District would suffer in the event of delay include, but are not limited to, costs of renting equivalent space, expenses of prolonged employment of an architectural, engineering and construction management staff; costs of administration, inspection and supervision; and the loss suffered by the public or school children within the District by reasons of the delay in the construction of the project to serve the public at the earliest possible time or being disruptive to the school teachers or children. Accordingly, the parties hereto agree, and by execution of this Contract, the Contractor acknowledges that the Contractor understands, has ascertained and agrees, that the amounts herein set forth shall be presumed to be the amounts of damages sustained by the failure of the Contractor to complete the specified Work within the times specified.

1. The Contract Time is restricted by the District’s contractual commitments and will suffer substantial damages from breach of such and from costs incurred for leasing additional space when the Project is not substantially completed on time. Therefore, the Contractor shall take whatever measures are necessary to meet the established time limit, including working outside normal working hours and shift work.

B. Agreed Amount of Damages: It is understood and agreed by both parties to the Contract that in case all the Work called for under the Contract is not completed within the time limits as specified, or within the time limits as extended in accordance with these Specifications, damage will be sustained by the District, and that it is actual damages which the District will sustain in the event of and by reason of such delay.

1. The Contractor and the District agree that the sum specified in the Instructions to Bidders represents the parties' reasonable estimate of the approximate damages which the District will sustain for each and every calendar day’s delay beyond the time specified for Completion, or as extended in accordance with the Specifications.

2. The District will sustain damage which are difficult to ascertain by include the following additional expenses:
   a. Debt service.
   b. Administrative costs.
   c. District representatives and consultants costs.
   d. Temporary student and administrative facilities.

3. It is therefore agreed that the Contractor shall pay such liquidated damages as herein provided, and in case the same is not paid, agrees that the District may deduct the amount therefore from any money due or that may become due the Contractor under the Contract. Liquidated damages will continue to the time at which the Work reaches Project Completion as determined by the District.
C. It is further agreed that payment of liquidated damages under one of the aforementioned conditions will not relieve the Contractor from separate liquidated damage liability under the other condition, each to the full extent of the specified amount, regardless of whether the times for which liquidated damages are to be paid do or do not run concurrently, or whether either liability is or is not a consequence of the other.

D. Payment of Damages:

1. In the event the Contractor shall become liable for liquidated damages, the District, in addition to all other remedies provided by law, shall have the right to withhold any and all retained percentages of payments which would otherwise be or become due the Contractor until the liability of the Contractor has been finally determined. The District shall have the right to use and apply such retained percentages, in whole or in part, to reimburse the District for all liquidated damages due or to become due to the District. Any remaining balance of such retained percentages shall be paid to the Contractor only after discharge in full of all liability incurred by the Contractor. If the retained percentage is not sufficient to discharge all such liabilities of the Contractor, the Contractor and its sureties shall continue to remain liable to the District until all such liabilities are satisfied in full. Should the retention of monies due or to become due to the Contractor be insufficient to cover such damages, the Contractor forthwith shall pay the remainder to the District.

ARTICLE 10 - PROTECTION OF PERSONS AND PROPERTY

10.01 SAFETY PRECAUTIONS AND PROGRAMS

A. The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Work.

B. The Contractor shall designate in writing a responsible member of the Contractor’s organization at the site as Project safety representative whose duty shall be the prevention of accidents. This person shall be available twenty-four (24) hours a day, seven (7) days a week by telephone or other approved means.

C. In the event the Contractor encounters on the site material reasonably believed to be hazardous which has not been rendered harmless, the Contractor shall immediately stop Work in the area affected, immediately advise the District, and render the hazard harmless. The Work in the affected area shall not thereafter be resumed except by written notification of the District.

D. The Contractor shall be required to perform all Work relating to hazardous materials as required by the Contract Documents.

E. Health, Safety, And Fire Prevention: The Contractor, his subcontractors, agents and employees shall FULLY COMPLY with ALL of the provisions and
requirements of CAL/ OSHA, Title 8 CALIFORNIA CODE OF REGULATIONS, Industrial Relations, and all other safety codes having jurisdiction over the Project.

10.02 SAFETY OF PERSONS AND PROPERTY

A. The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to:

1. Employees on the Work and other persons who may be affected thereby;

2. 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

3. Other property at the site 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.

B. The Contractor shall give notices 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.

C. The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, erecting barricades, fencing, railings, and walkways as necessary, promulgating safety regulations and notifying owners and users of adjacent sites and utilities.

D. When use or storage of hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel and in compliance with all safety regulations.

E. The Contractor shall promptly remedy damage and loss to property referred to in previous subparagraphs caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under the previous subparagraphs, except damage or loss attributable to the sole negligent acts or omissions of the District. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Paragraph 3.16 in these General Conditions.

F. The Contractor shall not load or permit any part of the construction or site to be loaded so as to endanger its safety. The structure is designed to support the loads of the finished building. No provision is included for stresses or loads imposed by construction operations. If the Contractor desires to place such loads in excess of the design load, it shall submit drawings and calculations prepared by, and
bearing the seal of a California-licensed structural engineer of the proposed method for supporting such loads for the District’s review and approval. No loading of any kind in excess of design loads shall be placed on any part of the building structure prior to the District’s approval of the submitted drawings and calculations. The costs of the District’s review shall be reimbursed to the District by the Contractor.

G. The Contractor shall be responsible for each operation and all Work, both permanent and temporary. It shall protect its Work and materials from damage due to construction operations, the action of the elements, the carelessness of its subcontractors, vandalism, or any other cause whatever, until Project Completion and Acceptance of the Work. Should improper Work of any trade be covered by another contractor and damage or defects result, the whole Work affected shall be made good by the contractor performing the improper Work to the satisfaction of the District without expense to the District.

10.03 EMERGENCIES

A. In an emergency affecting safety of persons or property, the Contractor shall act to prevent threatened damage, injury or loss, and shall as promptly as conditions permit notify the insurance carriers and the District of the nature of the emergency and circumstances related thereto. Immediately thereafter, the Contractor shall prepare a written report setting forth in detail the action taken and describing in detail all circumstances and conditions which are related to such action. Additional compensation or extension of time claimed by the Contractor on account of an emergency, if caused by fault of the District, shall be determined as provided in Paragraph 2.06 and Article 7.

10.04 SAFETY PERMITS

A. A State Industrial Safety Permit shall be obtained and paid for by the Contractor if:

1. Any building, structure, false work or scaffolding more than 3 stories high or the equivalent of 35'-0" is to be constructed.

2. The demolition of any building, structure, false work or scaffolding more than 3 stories high or the equivalent of 35'-0".

3. A trench 5'-0" deep or deeper is constructed for foundation purposes into which a person must descend.

B. The Contractor shall obtain and pay for all other required safety permits.

10.05 LOSS CONTROL REQUIREMENTS
A. Contractors and subcontractors participating in this SEWUP project will be expected to comply with the following safety and loss control requirements:

1. The Emergency Response Plans (with particular emphasis on access and egress routes).

2. District procedures regarding dealing with the media.

3. Hard hats will be mandatory on all SEWUP projects when there is an exposure to falling objects, as per Cal OSHA Construction Safety orders.

4. All construction employees will be required to be attired in workpants, shirt and appropriate boots or closed toe shoes.

5. No alcohol will be allowed on SEWUP construction sites at any time.

6. Smoking will be allowed in designated areas only.

7. All contractors will agree to conduct and fund post-injury drug screening of their employees. Those employees failing the test will be removed permanently from the job site. In addition, any contractor that shows a pattern of employees failing the tests will be reported to SEWUP, who can use the information as a factor in assessing their “responsibility” in connection with future projects.

8. Controlling access to the construction site will be a very high priority, and contractors will be required to take whatever preventative measure, such as barriers, fencing, etc., deemed necessary by either the SEWUP consultant or local school safety official.

9. Contractors will be required to respond to any school complaints about objectionable levels of dust or noise and will be required to provide the appropriate abatement as quickly as possible.

10. Construction personnel cannot enter school grounds other than the construction site unless accompanied by District personnel, and they are allowed only ‘incidental’ contact with students. Violations of these requirements by any construction employee will result in a mandatory background check of that employee - including fingerprinting - as required by state law.

11. The SEWUP Safety Representative, General Contractor or Construction Manager has the right to correct an unsafe act or condition. The General Contractor or Construction Manager has the right and authority to bill the non-compliant contractor for the costs associated with the correction.

12. Fall protection is mandatory on all SEWUP projects in accordance with Cal OSHA, OSHA and any other appropriate code.
13. Any contractor displaying, in the opinion of the General Contractor or SEWUP consultant, a repeated disregard for safety can be removed from the job-site and their name forwarded to SEWUP, who will use the expulsion as a factor in assessing their suitability for future projects.

14. All contractors and sub-contractors must provide a copy of their Injury & Illness Prevention Program to the General Contractor or Construction Manager to be filed at the job site.

15. A site specific Injury & Illness Prevention Program shall be available on site with either the General Contractor or Construction Manager. All contractors shall abide by this program.

16. Personal radios, headsets, walkmans and CD players are not allowed on the job-site.

17. All work activities must comply with applicable Cal OSHA, OSHA, EPA, ANSI, and local laws pertaining to safety.

18. The General Contractor or Construction Manager shall assume overall responsibility for project safety compliance with the applicable safety regulations and the site specific Injury & Illness Prevention Program.

19. All contractors must attend the pre-construction safety meeting.

20. All contractors shall identify their competent person(s) to the General Contractor or Construction Manager.

21. The SEWUP Safety Representative will conduct visits to the job site at the request of the District, General Contractor, Construction Manager, JPA, or SEWUP. Contractors will be required to cooperate with the consultant and take the appropriate corrective action deemed necessary with timeframes established regarding the corrective action.

22. The SEWUP Safety Representative has the authority, during the course of the job site inspection, to suspend those aspects of the job site that are considered “imminently dangerous” until appropriate corrective action is completed.

23. The SEWUP Safety Representative may require a follow-up meeting or contact if there is a death, serious and willful claim, serious disabling injury, adverse loss experience, major fire, or serious 3rd party claim.

24. Any contractors' employee observed providing or selling cigarettes or other smoking materials to students shall be removed from the job site until further notice.
25. No sexual reference or preference shall be permitted on any piece of clothing or the hardhat. Any employee observed disregarding this policy shall be removed from the job site until further notice.

26. All contractors’ employees shall park in their designated parking area. Any sticker attached to the employees’ vehicle that displays any form of sexual preference or reference shall be removed prior to parking at the site. Each employee will provide their license plate number to the General Contractor or Construction Manager. Any employee disregarding this policy shall be removed from the site until further notice.

27. All contractors shall control the break time activities of the employees to assure the cleanup of all cans, food wrappers, plastic bottles, or food containers from the break area. Such areas shall be cleaned immediately after the break and all waste placed in trash receptacles. No glass containers are permitted on the site.

28. Theft or willful damage to any property of the owner, student, or other contractors will be prosecuted fully.

29. No guns, switchblades, or knives with blades greater than 2” shall be allowed on the job site. Any employee disregarding this policy shall be removed from the site until further notice.

30. All contractors will advise those non-English speaking employees in their native language either in a written format or via an interpreter of these policies.

31. All non-SEWUP members or guests who visit the job site will be required to sign a hold harmless agreement. All such persons shall be required to be appropriately attired to include a hardhat.

Article 11 - INSURANCE AND BONDS

11.01 CONTRACTOR PROVIDED INSURANCE (For all projects)

A. INSURANCE REQUIREMENTS

The Contractor shall maintain in full force and effect and cause its subcontractors to maintain, for the period covered by the Contract, the following insurance:

1. Comprehensive or commercial general liability insurance with limits not less than $1,000,000 per each occurrence combined single limit for bodily injury and property damage, including coverage for contractual liability, personal injury, independent contractors, explosion, collapse and underground (XCU), broad form property damage, products liability, and completed operations.
a. Should any of the required insurance be provided under a form of coverage that includes an annual general aggregate limit or provides that claims investigation or legal defense costs be included in such annual general aggregate limit, such annual general aggregate limit shall be two times the occurrence limits stipulated.

b. Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this contract, and without lapse, for a period three years beyond the contract expiration, to the effect that, should occurrences during the contract term give rise to claims made after expiration of the contract, such claims shall be covered by such claims-made policies.

2. **Comprehensive or business automobile liability insurance** with limits not less than $1,000,000 per each occurrence combined single limit for bodily injury and property damage, including coverage for owned, non-owned, and hired automobiles, as applicable.

3. **Workers' Compensation**, including Employers' Liability Insurance with limits not less than $1,000,000 each accident, occurrence or disease and $1,000,000 aggregate.

   a. The Workers' Compensation Insurance shall cover any compensation payable under the provisions of the act of legislature of the State of California, known as the "Workmen's Compensation Insurance and Safety Act" approved May 26, 1913, and all acts amendatory and supplemental thereto. If the Contractor fails to maintain such insurance, the District, at its sole option and without incurring any further obligation to provide insurance, may take out Workers' Compensation Insurance to cover any compensation payable under the provisions of the Act by reason of any employee of the Contractor being injured or killed, and to deduct and retain the amount of the premium for such insurance from any sums due the Contractor. If the injury occurs to any employee of the Contractor for which the employee, or its dependents in the event of its death, is entitled to compensation from the District under the provisions of said Act, or for which compensation is claimed from the District, the District may retain from the sums due the Contractor under these Contract Documents an amount sufficient to cover such compensation, as fixed by said Act, until such compensation is paid; and if the District is compelled to pay such compensation, it will deduct and retain from such sums the amount so paid.

   b. The Contractor shall sign and file with the District the following certification prior to performing the Work of the Contract:

   "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract."

4. **Builder's Risk Insurance** on an All-Risk Form covering the new Work under the Contract, excluding earthquake and flood but including ensuing perils, with limits not less that the Contract Sum and any deductible not to exceed $10,000.

   a. Coverage for debris removal limits not less than $1,000,000.
b. Such policy shall name the District as loss payee and shall be issued by carrier(s) satisfactory to the District and licensed through the Department of Insurance to conduct insurance business in California.

c. In the event of any damage except earthquake and flood, it shall be the Contractor's responsibility to perform at its expense all required repair and replacement including damage to adjacent areas.

d. The Contractor shall be responsible for all losses not covered by the policy, excluding earthquake and flood, including the deductibles.

5. In the event that the Contractor employs professional engineering services, the Contractor shall require the retained engineers to carry professional liability insurance with limits not less than $1,000,000 each claim with respect to negligent acts, errors, or omissions in connection with professional services to be provided under this Agreement and any deductible not to exceed $50,000 each claim. The Contractor shall provide the District with Certificates of Insurance for any such policy.

6. In the event that the Contractor is performing abatement of hazardous or contaminated materials work or employs a subcontractor or entity for abatement of hazardous or contaminated materials, the Contractor shall furnish or require the subcontractor or entity to maintain environmental liability insurance with limits not less than $1,000,000, policy written on an occurrence form, with any deductible not to exceed $25,000, including coverage for Contractor's pollution legal liability for contaminated soils, asbestos, lead, underground storage tanks, and other hazardous materials which may be encountered at the site.

B. INSURANCE BY OTHERS:

For General Liability, Environmental Pollution Liability and Automobile Liability Insurance, the Contractor shall include as additional names insured, the District, the Architect, the District's Consultants, and all authorized agents and representatives, and members, directors, officers, trustees, agents and employees of any of them.

C. FORM OF POLICIES AND OTHER INSURANCE REQUIREMENTS:

1. Before commencement of the Work of this Contract, certificates of insurance shall be furnished to the District, with complete copies of policies to be furnished to the District promptly upon request.

2. Approval of the insurance by the District shall not relieve or decrease the extent to which the Contractor or subcontractor of any tier may be held responsible for payment of any and all damages, except damage caused by earthquake or flood, resulting from its operations. All policies of insurance and certificates shall be satisfactory to the District.

3. Liability insurance shall be on an occurrence basis; and said insurance shall provide that the coverage afforded thereby shall be primary coverage (and non-contributory to any other existing valid and collectable insurance) to the full limit of liability stated in the declaration, and such insurance shall apply separately to each insured against whom claim is made or suit is brought, but the inclusion of more than one (1) insured shall not operate to increase the insurer's limits of liability.
4. Each such policy shall provide that no cancellation, non-renewal nor any reduction in its coverage shall occur without the carrier giving to the District at least thirty (30) days' written notice prior thereto. All notices shall be made to:

Sadiq B. Ikharo  
Vice Chancellor of General Services  
Peralta Community College District  
333 East 8th Street  
Oakland, CA 94606  

Robert Dias  
Director of Capital Projects  
Peralta Community College District  
333 East 8th Street  
Oakland, CA 94606

5. The Contractor shall file with the District a certificate of the required new or renewed policy at least ten (10) days before the effective date of such cancellation, change or expiration, with a complete copy of new or renewed policy.

6. If, at any time during the life of this Contract, the Contractor fails to maintain any item of the required insurance in full force and effect, all Work of this Contract may, at District's sole option, be discontinued immediately, and all Contract payments due or that become due will be withheld, until notice is received by the District as provided hereinbefore that such insurance has been restored to full force and effect and that the premiums therefore have been paid for a period satisfactory to the District.

7. Any failure to maintain any item of the required insurance may, at District's sole option, be sufficient cause for termination of this Contract.

E. Insurance companies shall be legally authorized, licensed and admitted through the California Department of Insurance to engage in the business of furnishing insurance in the State of California. All insurance companies shall have an "A-,VIII" in Bests Rating Guide and shall be satisfactory to the District.

11.02 CONTRACTOR ADDITIONAL INSURANCE REQUIREMENTS (For all projects)

A. Notice to the District: Further the policy will provide not less than thirty (30) days prior written notice to District's Program Administrator or its Designee of any material change in the insurance or cancellation or non-renewal.

B. Additional Insured: The District will be endorsed as "additional insured" on Contractor's and Subcontractors' policy or policies. Contractor and Subcontractors shall furnish Certificates of Insurance evidencing said coverage before commencing work on the Project.

C. Contractor Construction Equipment Insurance: Any policies maintained by the contractor and subcontractors on their owned and/ or rented equipment and materials shall contain a provision requiring the insurance carriers to waive their rights of subrogation against the Owner and all other indemnities named in the contract.

D. Professional Liability Insurance (Errors & Omissions): In the event any contract specifications requires your firm to provide professional services, such as but not limited to, architectural, engineering, construction management, surveying, design, etc., a certificate of insurance must be
provided prior to commencing work evidencing such coverage with a limit of not less than $1,000,000. Any material change in limits, coverages or loss of aggregate limit due to outstanding claims must be reported to the District within 30 days of any such event.

E. **Environmental and Asbestos Abatement Coverages:** If this Agreement involves the removal of asbestos, the removal/ replacement of underground tanks or the removal of toxic chemicals and substances, the Contractor will be required to provide adequate coverages, with limits not less than $1,000,000 per claim basis, for such exposures subject to requirements and approval of the District.

F. **Hold Harmless clause:** Work done on the premises, or in connection with the prosecution of this contract by the Contractor, shall be at the Contractor’s risk and the Contractor shall assume any and all liability and shall hold harmless the District, their agents, servants or employees, from claims or demands, cost expenses, loss or damage due to bodily injury, sickness or disease, including death to employees of the Contractor or any other person, or damage of property including loss of use thereof suffered by employees of the Contractor or any other person; arising out of the performance of the contract, whether such are based upon negligence of the District or any other person, firm, corporation or organization for whom such contract is being performed, their agents, employees or otherwise.

### 11.03 PROOF OF CARRIAGE OF INSURANCE

A. Before work is started, the Contractor shall forward to the Owner two copies of a Certificate of Insurance or Memorandum of Insurance, evidencing that all required Contractor Furnished Insurance is in force, executed by an authorized representative of the insurance company, and naming Owner as additional insured as outlined below.

B. Certificates and insurance for contractor furnished insurance policies shall include the following clause:

“This policy shall not be cancelled or reduced in required limits of liability or amounts of insurance until notice has been mailed to the District. Date of cancellation or reduction may not be less than Thirty (30) days after date of mailing notice.”

C. Certificates of insurance for contractor furnished insurance policies shall state in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, and cancellation and reduction notice.

D. Certificates of insurance for contractor furnished insurance policies shall clearly state that the District is named as an additional insured under the policy described and that such insurance policy shall be primary to any
insurance or self-insurance maintained by the District.

E. Contractor furnished policies will be written by an insurer of satisfactory character including a Best’s rating of not less than A- VIII and an admitted carrier in the State of California. If requested by the District, a certified copy of the actual policies with appropriate endorsement(s) and other documents shall be provided to the District.

F. In the event the contractor or any subcontractor fails to furnish and maintain required insurance or to furnish satisfactory evidence thereof, the Owner may procure and maintain such coverages for all parties on behalf of the contractor. Contractor shall furnish all necessary information and pay the premium cost to the District immediately upon presentation of a premium invoice.

G. Subcontractors. Should a contractor engage a subcontractor, the same conditions will apply to each subcontractor. Each subcontractor must be covered by insurance of the same character and in the same amounts as the Contractor, naming the Contractor and the Owner as additional insureds. Copies of certificates of insurance for subcontractors must be filed with the District within thirty (30) working days after issuance of a Notice to Proceed and at least five (5) working days before the subcontractor begins work on the site. Failure to provide evidence of such insurance shall result in the subcontractor being excluded from the site until proper coverage is verified. The cost of any resulting delay will be borne by the contractor.

11.04 PERFORMANCE BOND AND PAYMENT BOND

A. At the time of execution of the Contract, the Contractor shall file with the District the following bonds:

1. A Corporate Surety Bond, in a sum not less than 100 percent of the amount of the Contract, to guarantee the faithful performance of the Contract.

2. A Corporate Surety Bond, in a sum not less than 100 percent of the amount of the Contract, to guarantee the payment of wages for services engaged and of bills contracted for materials, supplies, and equipment used in the performance of the Contract.

B. Corporate sureties on these bonds and on bonds accompanying bids shall be legally authorized, licensed and admitted through the California Department of Insurance to engage in the business of furnishing surety bonds in the State of California. All sureties shall have an "A-, VIII" rating in Bests Rating Guide and shall be satisfactory to the District. The Contractor will submit surety bonds on forms provided by the District.
C. The amount of the Contract, as used to determine the amount of the bonds, shall be the amount based on the Contract Sum.

D. Failure of the successful Bidder to execute the Contract and deliver the required bonds and insurance within the 10-day period may constitute a default, and Bid Guarantee may be forfeited. Thereupon, the Owner at its sole option may award the Contract to the next acceptable Bidder, waive the time limit, or readvertise for Bids. The money and proceeds from the check or bond, as the case may be, shall be applied towards payment of damages to PCCD caused by the delay on the construction schedule, and secondly, the necessity of accepting a higher or less desirable proposal due to this delay caused by the failure or refusal on the part of the successful bidder to execute the Contract. The amount of the check or bond, as the case may be, shall not constitute a limitation upon the right of the Owner to recover for the full amount of such damage.

ARTICLE 12 - UNCOVERING AND CORRECTION OF WORK

12.01 UNCOVERING OF WORK

A. No Work shall be covered until inspected by the District.

B. If a portion of the Work is covered contrary to the District's request or to requirements specifically expressed in the Contract Documents, it must, if required in writing by the District, be uncovered for the District's observation and be replaced at the Contractor's expense without change in the Contract Time.

C. If a portion of the Work has been covered which the District has previously inspected, the District may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Contract Modification, be paid by the District. If such Work is not in accordance with the Contract Documents, the Contractor shall pay for all costs to uncover and replace the Work, as well as related disruptions and delays.

12.02 CORRECTION OF REJECTED AND FAILING WORK

A. The Contractor shall promptly correct Work rejected by the District or failing to conform to the requirements of the Contract Documents, whether observed before or after Project Completion and whether or not fabricated, installed or completed. The Contractor shall bear costs of correcting such rejected Work, including additional testing and inspections and compensation for the District representative's services and expenses made necessary thereby and at the labor rates included in contracts between District and District representatives.

C. If, within one (1) year after the date of Project Completion, or by terms of an applicable special warranty required by the Contract Documents, any of
the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the District to do so. This period of one (1) year shall be extended with respect to portions of Work first performed after Project Completion by the period of time between Project Completion and the actual performance of the Work. This obligation under this Subparagraph shall survive acceptance of the Work under the Contract and termination of the Contract. The District will give such notice promptly after discovery of the condition.

C. The Contractor shall remove from the site those portions of the Work, which are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the District.

D. If the Contractor fails to correct non-conforming Work within a reasonable time as determined by the District, the District may correct it in accordance with Paragraph 2.03. If the Contractor does not proceed with correction of such non-conforming Work within a reasonable time fixed by written notice from the District, the District may correct it and store the salvable materials or equipment and dispose of non-salvable material at the Contractor's expense. If the Contractor does not pay costs of such removal and storage within ten days after written notice, the District may upon ten additional days' written notice sell such materials and equipment at auction or at private sale and shall account for the proceeds thereof, after deducting costs and damages that should have been borne by the Contractor, including reimbursement to the District of compensation for the District representatives' services and expenses made necessary thereby. If such proceeds of sale do not cover costs, which the Contractor should have borne, the Contract Sum shall be reduced by the deficiency. If payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the District.

E. The Contractor shall bear the cost of correcting destroyed or damaged Work of the District or separate contractors, whether completed or partially completed, caused by the Contractor's correction or removal of Work which is not in accordance with the requirements of the Contract Documents.

F. Nothing contained in this Paragraph shall be construed to establish a period of limitation with respect to other obligations, which the Contractor might have under the Contract Documents. Establishment of the time period of one (1) year as described hereinbefore relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

12.03 CORRECTION OF DEFECTIVE WORK
A. The Contractor shall be responsible for and shall replace any defective Work, whether due to faulty materials or errors in workmanship, which may be discovered in any part of the Work within one (1) year after its acceptance by the District and the District's filing of Certificate of Completion, or within such longer period as provided elsewhere in the Contract Documents or by law.

B. Except as otherwise expressly provided elsewhere in the Contract Documents, the Contractor agrees to correct any defective work performed and any defective materials furnished hereunder for a period of one (1) years from Acceptance of the Work of this Contract by the District and the District's filing of the Notice of Project Completion.

   1. The Contractor further agrees to correct any defective work performed in installation of equipment manufactured by others but installed by the Contractor.

C. Testing shall not be construed as operation or a continuation of the work. The Contractor, after receipt of notice, shall promptly make good at its expense all defects developing during the warranty period except where such is attributable to abuse. This agreement to correct defective work shall continue for corrected or replaced articles, or, if only parts of such articles are corrected or replaced, for such corrected or replaced parts, until one (1) year after date of re-deliver or correction.

D. If the District does not require correction or replacement of a defective or non-conforming article (a non-conforming article meaning an article that does not conform to that which is called for in the Contract Documents), the Contractor, if required by the District within a reasonable time after notice of defect or non-conformance, shall pay to the District such portion of the Contract price as is equitable in the circumstances as determined by the District.

E. This agreement to correct defective work, and all similar agreements applicable to Subcontractors', manufacturers' or suppliers' equipment used in or as a part of the Work (whether on equipment of the nature above specified or otherwise) shall inure to the benefit of the District without necessity of separate transfer or assignment thereof.

F. The remedies provided for in this clause shall not be restrictive but shall be cumulative and shall be in addition to all other legal remedies the District may possess with respect to latent defects or frauds.
12.04 ACCEPTANCE OF NON-CONFORMING WORK

A. If in the judgment of the District, it is undesirable or impracticable to replace any defective or non-conforming Work, the compensation to be paid to the Contractor shall be reduced by such amount as in the judgment of the District and its authorized representatives shall be equitable.

ARTICLE 13 - MISCELLANEOUS PROVISIONS

13.01 GOVERNING LAW

A. The Contractor shall keep itself fully informed of and comply with all Federal, State and Local laws and orders of any properly constituted authority in any manner affecting this contract, the performance of the Work or those persons engaged therein, including but not limited to Titles 19, 21, and 24 of the California Code of Regulations, California Code of Regulations Title 16, Chapter 8, Paragraph 810-887, Title 1, Division 5 of the California Government Code (Section 4000, et seq., “Public Work and Public Purchases”), the California Public Contract Code, The California Contractor’s Licensing law and Title 2, Division 2, Part 23, Chapter 2 of the California Education Code (Section 39100, et seq., “Construction of School Buildings”). The Contractor shall examine the Contract Documents for compliance with these Codes and Regulations and shall promptly notify the District and the Architect of any discrepancies.

B. All construction and materials of this contract shall be in full accordance with the latest rules and regulations and requirements of the California Building Code (1995 Edition) and the requirements of Titles 19 and 24 and other applicable provisions of the California Code of Regulations (California Administrative Code) unless otherwise specified in the General Requirements (Division 1), CAL-OSHA, the State Division of Industrial Safety of the Department of Industrial Relations, the Public Utilities Commission of the State of California, State Fire Marshal, the latest rules of the National Fire Protection Association, the Department of Public Health of the City and County of San Francisco, State and National laws and regulations, and of any other bodies or officials having jurisdiction or authority over same, and they shall be observed and complied with by the Contractor and any and all persons, firms and corporations employed by or under it. Authorized persons may at any time enter upon any part of the Work to ascertain whether such laws, ordinances, regulations or orders are being complied with. No additional costs will be paid or extensions of time granted as a result of such compliance. Each of the above-referenced provisions are incorporated by reference as if fully set forth herein.

C. The Contractor shall maintain in his project office a current copy of Titles 19 and 24 of the California Code of Regulations at all times during construction on this Project. Whenever the Drawings and Specifications require higher standards than are required by the regulations, the Drawings and Specifications shall govern.
Whenever the Drawings and Specifications require something, which will violate the regulations, the regulations shall govern.

13.02 SUCCESSORS AND ASSIGNS

A. The Contractor shall constantly give its personal attention to the faithful prosecution of the Work. It shall keep the Work under its personal control and shall not assign by power of attorney or otherwise, nor subcontract the whole or any part thereof, except as herein provided and in accordance with the California Contractors Subletting laws.

B. All transactions with subcontractors will be made through the Contractor, and no subcontractor shall relieve the Contractor of any of its liabilities or obligations under the Contract.

C. When any subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the District representative, the Contractor shall remove such subcontractor immediately upon written request of the District, and shall request approval of a new subcontractor to perform the Work pursuant to California Public Contract Code Section 4107, at no added cost to the District.

D. The Contract shall not be assigned except upon the approval of the District.

13.03 WRITTEN NOTICE

A. The addresses given in the Agreement are hereby designated as the legal address of the Contractor and the District, but any such address may be changed at any time by notice in writing, delivered to the other party. The delivery at such legal address or the depositing in any post office or post office box regularly maintained by the United States Postal Service, in a paid wrapper, directed to the other party at such address, of any drawing, notice, letter or other communication, shall be deemed legal and sufficient service thereof upon that party.

13.04 RIGHTS AND REMEDIES

A. Duties and obligations imposed by the Contract Documents and rights and remedies available there under shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

B. Except as otherwise specifically provided herein, no action or failure to act by the District or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach there under, except as may be specifically agreed in writing.
13.05 TESTS AND INSPECTIONS

A. Tests, inspections and approvals of portions of the Work required by the Contract Documents or by laws, ordinances, rules, regulations or orders of public authorities having jurisdiction shall be made at an appropriate time. Contractor shall make arrangements for such tests, inspections and approvals through the District Inspector in accordance with the Uniform Building Code, California Building Code and applicable state laws or regulations. The Contractor shall give the District a minimum of 48 hours notice, excluding weekends and District holidays, of when and where tests and inspections are to be made so the District may arrange and observe such procedures. Tests and testing laboratories shall conform to California Code of Regulations Title 24, Part 1, Section 4-335.

1. The District will retain the services of testing agencies or consultants to perform such tests or inspections and render such services as may be required to verify that the Work fulfills the requirements and intent of the Contract Documents. Such services will be performed in a manner consistent with the requirements of the District and the various agencies having jurisdiction over the Work and in accordance with reasonable standards of architectural and engineering practice.

2. The District reserves the right to modify the scope of, or to reallocate, any of the testing and inspection services specified in the various Sections of the Contract Documents to be performed by a testing agency or consultant retained by the District in connection with the Work.

3. The Contractor shall bear the cost of special inspections or observations if additional such inspections or observations are occasioned by the Contractor's unexcused delay, or as a result of work that is rejected and corrected. Repeat Inspection or inspections requested and subsequently canceled, may be subject to back charges.

B. If the District or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection or approval not included herein, the District will order the performance of such services by qualified independent testing agencies, or consultants as may reasonably be required. The District shall bear such costs except as otherwise provided herein.

C. If such procedures for testing, inspection or approval reveal failure of the portion of the Work to comply with requirements established by the Contract Documents, the Contractor shall bear all costs made necessary by such failure including those of repeated procedures and compensation for the District representatives' and consultants' services and expenses.

1. If the District's observation of any inspection or testing undertaken pursuant to Paragraph 13.05 reveals a failure in any one of a number of identical or similar items or elements incorporated in the Work to comply with (a) the requirements of the Contract Documents or, (b) with respect to the performance of the Work, with laws, ordinances, rules, regulations, or orders of any public authority
having jurisdiction, the District will have the authority to order inspection and 
testing of all such items or elements of the Work, or of a representative number of 
such items or elements of the Work, as it may consider necessary or advisable.

2. The Contractor shall bear all costs thereof, including reimbursement to 
District for the District representatives’ and consultants’ additional services, if any 
are required, made necessary thereby. However, neither the District’s authority to 
act under Paragraph 13.05 nor any decision made by the District’s representative in 
good faith either to exercise or not to exercise such authority, shall give rise to any 
duty or responsibility of the District to the Contractor, any Subcontractor, or any of 
their agents or employees, or any other person performing any of the Work.

D. The failure of District, Architect and its representatives and consultants, or 
District’s Project Inspector to observe or inspect the Work, or to detect deficiencies 
in the Work, or to inform Contractor of any deficiencies which may be discovered, 
shall not relieve Contractor, its subcontractors regardless of tier, or suppliers from 
their responsibility for construction means, methods, techniques, sequences and 
procedures, construction safety, nor from their responsibilities to carry out the work 
in accordance with the Contract Documents and to detect and correct defective 
work. The term “defective work” means work that is unsatisfactory, faulty, omitted 
incomplete, deficient, or does not conform to the requirements of the Contract 
Documents, directives of Architect or the requirements of any inspection, reference 
standard, test, or approval specified in the Contract Documents, or has been 
damaged prior to final completion, unless responsibility for the protection of such 
work has been assumed by District through beneficial occupancy (or substantial 
completion, where applicable) in accordance with the General Conditions.

E. Required certificates of testing, inspection or approval shall, unless otherwise 
required by the Contract Documents, be secured by the Contractor.

F. If the District representatives are to observe tests, inspections or approvals 
required by the Contract Documents, the District shall do so promptly and, where 
practicable, at the normal place of testing. If the testing location is outside the nine 
(9) county Bay Area, the Contractor shall bear the travel-related costs, including 
transportation, lodging, meals, long-distance telephone calls and facsimile 
transmittals, and associated expenses of the District.

G. The Contractor shall furnish promptly, without additional charge, all facilities, 
labor, and material reasonably needed for performing such safe and convenient 
inspection and test as may be required by the District. Tests or inspections 
conducted pursuant to the Contract Documents shall be made promptly to avoid 
unreasonable delay in the Work.

1. The District reserves the right to charge to the Contractor any 
additional cost of inspection or test when material or workmanship is not ready at 
the time specified or when re-inspection or re-test is necessitated by prior rejection 
or unexcused delay.
H. All materials, equipment, and workmanship used in the work of Project shall be subject to inspection and special inspection or testing at all times during Construction and/or manufacture in accordance with California Code of Regulations Title 24, Part 1, Section 4-333(c) and 4-335.

I. The District shall supply an inspector(s) who shall observe construction in progress. The inspector shall act under the direction of the Architect and the Peralta Community College District or the District's authorized representative. The general duties of the Inspector in fulfilling his or her responsibilities shall be in accordance with Sections 4-333, 4-336, 4-337 and 4-342 of the California Code of Regulations, Part 1 of Title 24. Inspector to be approved by the Division of the State Architect. Project Inspectors shall have the following responsibilities and limitations on authority:

1. Observe installations and work in progress as a basis for determining conformance of the work, materials and equipment with the Construction Documents. Project Inspector will report any discrepancies observed to Architect, District, and Contractor. Only the Architect has the authority to make approvals or rejections.

2. Only Architect shall interpret the requirements of the Construction Documents. If any item is ambiguous, Architect shall make a written interpretation. If Contractor requests changes or modifications to the Construction Documents, Architect shall make a written determination on the requested changes or modifications.

3. Prepare an inspection report for each inspection performed.

4. Review the monthly progress payment request before Contractor submits it to the Architect.

5. Assist the Architect in reviewing the test and inspection results of testing laboratories.

6. The Project Inspector is not authorized to permit deviations from the requirements of the Contract Documents unless such deviation has been approved by the District and the Architect.

7. The Project Inspector is not authorized to advise on or issue directions to Contractor about any aspect of construction means, methods, techniques, sequences or procedures, or relating to safety programs in connection with the Project.

J. All inspection shall be scheduled through the District Inspector by issuing an inspection request using the District standard form.
13.06 EQUAL OPPORTUNITY

A. Nondiscrimination provisions shall be in accordance with and pursuant to the provisions of the Peralta Community College District Policy on Equal Opportunity.

B. To be eligible for award of the contract, the Contractor must agree to comply with all applicable requirements authorized by the Peralta Community College District Policy where applicable.

C. It is the policy of the District that in connection with all work performed under contracts, there will be no discrimination against any prospective or active employee engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age, handicap, or marital status. The Contractor agrees to comply with applicable Federal and California laws including, but not limited to, the California Fair Employment Practice Act, beginning with Government Code Section 12900 and Labor Code Sections 1735, 1777.5, 1777.6 and 3077.5. In addition, the Contractor agrees to require like compliance by any subcontractors employed on the work.

13.07 APPRENTICES

A. Contractors must comply with certain apprenticeship obligations set forth in the Labor Code (LC Section 1777.5). Every such apprentice shall be paid the standard wage paid to apprentices under the regulations of the craft or trade at which he or she is employed, and shall be employed only at the work of the craft or trade to which he or she is registered.

B. Only apprentices, as defined in Section 3077, who are in training under apprenticeship standards and written apprentice agreements under Chapter 4 (commencing with Section 3070) of Division 3, are eligible to be employed as apprentices on public works. The employment and training of each apprentice shall be in accordance with the apprenticeship standards and apprentice agreements under which he or she is training.

C. When the Contractor to whom the contract is awarded by the state or any political subdivision, or any Subcontractor under him or her, in performing any of the work under the contract or subcontract, employs workers in any apprenticeable craft or trade, the contractor and Subcontractor shall apply to the joint apprenticeship committee administering the apprenticeship standards of the craft or trade in the area of the site of the public work for a certificate approving the Contractor or Subcontractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected. However, approval as established by the joint apprenticeship committee or committees shall be subject to the approval of the administrator of Apprenticeship. The joint apprenticeship committee or committees, subsequent to approving the subject Contractor or Subcontractor, shall arrange for the dispatch of apprentices to the
Contractor or Subcontractor in order to comply with this section. Every Contractor and Subcontractor shall submit contract award information to the applicable joint apprenticeship committee, which shall include an estimate of journeyman hours to be performed under the contract, the number of apprentices to be employed, and the approximate dates the apprentices will be employed. There shall be an affirmative duty upon the joint apprenticeship committee or committees administering the apprenticeship standards of the craft or trade in the area of the site of the public work to ensure equal employment and affirmative action in apprenticeship for women and minorities. Contractors or Subcontractors shall not be required to submit individual applications for approval to local joint apprenticeship committees provided they are already covered by the local apprenticeship standards. The ratio of work performed by apprentices to journeymen who shall be employed in the craft or trade on the public work may be the ratio stipulated in the apprenticeship standards under which the joint apprenticeship committee operates, but, except as otherwise provided in this section, in no case shall the ratio be less than one hour of apprentices work for every five hours of labor performed by a journeyman. However, the minimum ratio for the land surveyor classification shall not be less than one apprentice for each five journeymen.

D. Any ratio shall apply during any day or portion of a day when any journeyman, or the higher standard stipulated by the joint apprenticeship committee, is employed at the job site and shall be computed on the basis of the hours worked during the day by journeymen so employed, except for the land surveyor classification. The Contractor shall employ apprentices for the number of hours computed as above before the end of the contract. However, the Contractor shall endeavor, to the greatest extent possible, to employ apprentices during the same time period that the journeymen in the same craft or trade are employed at the job site. Where an hourly apprenticeship ratio is not feasible for a particular craft or trade, the Division of Apprenticeship Standards, upon application of a joint apprenticeship committee, may order a minimum ratio of not less than one apprentice for each five journeymen in a craft or trade classification.

E. The Contractor or Subcontractor, if he or she is covered by this section, upon issuance of the approval certificate, or if he or she has been previously approved in the craft or trade, shall employ the number of apprentices or the ratio of apprentices to journeymen stipulated in the apprenticeship standards. Upon proper showing by the contractor that he or she employs apprentices in the craft or trade in the state on all of his or her contracts on an annual average of not less than one hour of apprentice work for every five hours of labor performed by a journeyman, or in the land surveyor classification, one apprentice for each five journeymen, the Division of Apprenticeship Standards may grant a certificate exempting the contractor from the 1-to-5 hourly ratio as set forth in this section. This section shall not apply to contracts of General Contractors or to contracts of specialty Contractors not bidding for work through a general or prime contractor, when the contract of General Contractors or those specialty Contractors involve less than thirty thousand dollars ($30,000) or 20 working days. Any work performed by a journeyman in
excess of eight hours per day or 40 hours per week, shall not be used to calculate the hourly ratio required by this section.

F. "Apprenticeable craft or trade," as used in this section, means a craft or trade determined as an apprenticeable occupation in accordance with rules and regulations prescribed by the Apprenticeship Council.

G. A Contractor to whom the contract is awarded, or any Subcontractor under him or her, who, in performing any of the work under the contract, employs journeymen or apprentices in any apprenticeable craft or trade and who is not contributing to a fund or funds to administer and conduct the apprenticeship program in any craft or trade in the area of the site of the public work, to which fund or funds other contractors in the area of the site of the public work are contributing, shall contribute to the fund or funds in each craft or trade in which he or she employs journeymen or apprentices on the public work in the same amount or upon the same basis and in the same manner as the other Contractors do, but where the trust fund administrators are unable to accept the funds, Contractors not signatory to the trust agreement shall pay alike amount to the California apprenticeship Council. The Contractor or Subcontractor may add the amount of the contributions in computing his or her bid for the contract. The Division of Labor Standards Enforcement is authorized to enforce the payment of the contributions to the fund or funds.

H. The prime Contractor is responsible for compliance with the above to include their Subcontractors.

I. All decisions of the joint apprenticeship committee under this section are subject to Section 3081. (Amended by Stats. 1989, Ch. 1224.)

13.08 WAGES AND PAYROLLS

A. It is hereby understood and agreed that all provisions of Section 1770 et seq. of the California Labor Code are required to be incorporated into every contract for any public work or improvement and are provisions of this Contract. Applicable Labor Code provisions control over any conflicting provision contained herein.

B. It is hereby understood and agreed that all provisions of California Labor Code Sections 1770 et seq. and sections 1810, et seq. are incorporated as provisions of this Contract, including but not limited to the following:
1. The Contractor shall pay to all persons performing labor in and about the Work provided for in this Contract not less than the general prevailing rate of wages as determined by the Director of the California Department of Industrial Relations for their respective crafts and employment, including such wages for holiday and overtime work. The bidder is cautioned to inspect the minimum wage rates as rates are updated periodically.

2. The Contractor shall insert in every subcontract or other arrangement which it may make for the performance of any Work or labor on the Work provided for in this Contract, a provision that said subcontractor shall pay to all persons performing labor or rendering service under said subcontract or other arrangement the general prevailing rate of wages determined as set forth herein after for the respective crafts and employment, including such wages for holiday and overtime work.

3. The Contractor shall keep or cause to be kept an accurate record showing the name, place or residence, occupation, and per diem pay, of each person engaged in the execution of this Contract, and every subcontractor who shall undertake the performance of any part of the Work herein required shall keep a like record of each person engaged in the execution of the subcontract. All of said records shall at all times be open to the inspection of and examination of the District and its authorized representatives.

4. The Contractor shall submit its monthly-certified payrolls with its progress payment applications to the District.

5. Should the Contractor, or any Subcontractor who shall undertake the performance of any part of the Work herein required, fails or neglects to pay to the persons who shall perform labor under this Contract, subcontract or other arrangement for the Work the general prevailing rate of wages as herein specified, it shall forfeit, and in the case of any subcontractor so failing or neglecting to pay said wage, the original contractor and the subcontractor shall jointly and severally forfeit, to the District the sum of fifty dollars ($50.00) per day for each laborer, worker or mechanic employed for each calendar day or portion thereof, while said person shall be so employed and not paid said highest general prevailing rate of wages. The District will deduct the amount, which would otherwise be due on said payment the amount of said forfeiture, or forfeitures as so certified.

6. No person performing labor or rendering service in the performance of any contract or subcontract for the Work herein required shall perform labor for a longer period than forty (40) hours per week, or five (5) days of eight (8) hours each, excepting those in crafts in which a shorter work day now prevails by agreement in private employment. Any Contractor or subcontractor who violates this provision shall be liable for the same penalties and forfeitures as those specified in Subparagraph 5 above for each laborer, mechanic or artisan employed for each calendar day or portion thereof wherein such laborer, mechanic or artisan is compelled or permitted to work more than the days and hours specified herein. Provided, that if it is so stipulated in the General Conditions, the number of days and
hours of labor per week may be extended beyond the limitations above mentioned, but not to exceed eight (8) hours in any one calendar day, or six (6) days in any calendar week. In the event that emergency conditions shall arise making a change advisable during the performance of the Contract, or any portion thereof, the hours and days of labor may be extended beyond the limits hereinabove expressed, but not to exceed an additional 8 hours per day, upon the written authority of the District. Failure of the contractor to perform its contract within the time provided shall not be deemed to constitute an emergency.

C. Certification of Payroll Records: In accordance with Section 1776 of the California Labor Code:

1. The Contractor shall, and shall require that its Subcontractors, keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by it or her in connection with this Contract.

2. The payroll records shall be certified and shall be submitted to the District within five (5) days of each of the payroll periods of the Contractor and his subcontractors, and at least once monthly. Pay requests shall not be processed until certified payroll records have been submitted up-to-date. In addition, the payroll records shall be available for inspection at all reasonable hours at the job site office of the Contractor on the following basis:

a. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or its or her authorized representative on request.

b. A certified copy of all payroll records shall be made available for inspection or furnished upon request to a representative of the District.

c. A certified copy of all payroll records shall be made available upon request to the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the District or the Department of Industrial Relations.
3. The Contractor shall file a certified copy of the payroll records with the entity that requested such records within ten (10) days after receipt of a written request.

4. Any copy of payroll records made available for inspection as copies and furnished upon request of the public or any public agency by the District shall be marked or obliterated in such a manner as to prevent disclosure of an individual’s name, address and social security number. The name and address of the Contractor awarded the Contract or performing the Contract shall not be marked or obliterated.

5. The Contractor shall inform the District of the location of the payroll records, including the street address, city and county, and shall, within five (5) working days, provide a notice of a change of location and address.

6. In the event of noncompliance with the requirements of said Section 1776, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with said section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the District, forfeit twenty-five dollars ($25.00) for each calendar day, or a portion thereof of non-compliance, for each worker, until strict compliance is effected. Upon the request of the Department of Industrial Relations, or the District, such penalties shall be withheld from progress payments then due. All penalties and forfeitures set forth herein shall at the expiration of ninety (90) days after completion of the contract and formal acceptance of the work by the District, be forwarded to the State Treasurer if requested by the Division of Labor Standards Enforcement.

7. The responsibility for compliance with Section 1776 shall be on the Contractor.

8. No progress payments will be processed until the Contractor has submitted, to the District, certified payrolls pursuant to Section 1770 et seq. of the California Labor Code for the periods involved for all employees including those of subcontractors. The District will not be liable to the Contractor for costs arising from the delay in making progress payments.

9. If the District receives formal notice either by service or summons or registered mail of a suit commenced to recover the withheld amounts within the ninety (90) day period following contract completion, it shall retain them until a final court judgment is obtained. It shall distribute the withheld amounts in accordance with said judgment.

10. Should the District not have withheld sufficient funds to cover all penalties and forfeitures due, it shall notify the Department of Labor Standards Enforcement of the judgment and provide whatever assistance is requested by the Division of Labor Standards Enforcement to recover penalties due for failure to pay prevailing wage.
11. Should there be a reasonable belief on the part of the District that prevailing wages are not being paid by the contractor or his subcontractors, it may conduct an investigation to determine if this is the case. After a full investigation, if the District determines that the prevailing wage is not being paid, it shall withhold fifty dollars ($50.00) per day per worker (in accordance with Labor Code 1775) whom it determines is not being paid the prevailing wage from the next progress payment due, or final payment. Alternatively, the District may notify the Division of Labor Standards Enforcement, requesting a full investigation. Should the result of the investigation conclude that the prevailing wage was not being paid, the District will withhold the amount indicated above in the manner set forth herein.

12. The statutory penalties for willful noncompliance with prevailing wage requirements may be enforced after a formal determination of non-compliance. A willful violation may result in debarment of one (1) to three (3) years in accordance with Labor Code Section 1777.1.

13. The District retains the right to consider the contractor's willful failure to pay prevailing wage in awarding future contracts, to the extent permitted by law.

D. Copies of such prevailing rates of per diem wages are on file at the Office of the Division of Labor Statistics and Labor Prevailing Wage Unit, 525 Golden Gate Avenue, San Francisco, California 94102 or at Peralta Community College District, Facilities Planning and Construction, 50 Phelan Avenue, Room B-601, San Francisco, CA 94112, (415) 239-3046.

13.09 TEMPORARY FACILITIES

A. The Contractor shall obtain permits for, install and maintain in safe condition, whatever scaffolds, hoisting equipment, barricades, walkways, or other temporary structures, which may be required to accomplish the work on the construction project. Such structures shall be adequate for the intended use and capable of safely accepting all loads that may be imposed upon them. They shall be installed and maintained in accordance with all applicable State and Local codes and regulations. The Contractor is responsible for maintaining access to the buildings at all times.

B. The Contractor shall provide, maintain, and remove all weather protection required to protect the work or District property.

C. The Contractor is responsible for parking and storage as required by the Contractor, Subcontractors, and Suppliers on this project. The Contractor shall provide, maintain, and remove all work required to comply with the Storm Water Run-off Plan.

D. The Contractor shall provide and maintain temporary heat from an approved source whenever in the course of the work it may become necessary for curing and drying of materials, or to warm spaces as may be required for the installation of
materials or finishes. If new permanent HVAC equipment is used for this purpose, equipment warranty periods shall not start at this time. All warranties begin at project completion and acceptance by PCCD.

E. The Contractor shall provide and maintain any and all facilities that may be required for dewatering in order that work may proceed on the project. If it is necessary for dewatering to occur continually, the Contractor shall have on hand whatever spare parts or equipment that may be required to prevent interruption of dewatering.

F. The Contractor shall provide and maintain all utility services necessary to perform the work under this Contract. These may include, but are not limited to, electricity, water, gas, sewer and telephone, including charges and installation fees. Contractor shall furnish and maintain all means of distribution of utility services required within the site to properly complete the project. Electrical work shall be consistent with Division of Industrial Safety “Electrical Safety Orders (ESO), Public Utilities Commission “Rules of Overhead Line Construction” (G.O. 95), the Division of the State Architect, and CAL-OSHA. The Contractor shall provide and maintain adequate fire extinguishers and safety kits to be used in the event of an emergency.

G. Materials, tools, accessories, etc., shall be stored only where directed by the District. Storage area shall be kept neat and clean. Security of stored items shall be the Contractor's responsibility.

H. When flammable materials are stored on site, extra precaution including clear identification shall be the responsibility of the Contractor and in accordance with all applicable Federal, State, and Local laws.

I. The Contractor shall provide and maintain temporary toilets in quantities and locations as required by CAL/OSHA and other local codes and regulations. They shall be maintained and supplied in a usable and sanitary condition at all times.

J. If water at construction site is determined to be non-potable by Job Inspector, Contractor shall provide and maintain adequate potable water stations at site until final completion of Construction Project.

K. The Contractor shall maintain an office at the project site, which will be his headquarters for this Project. Any communications delivered to this office shall be considered as delivered to the Contractor. Location and size of office shall be such that it will adequately serve the needs of the Contractor's superintendent and assistants in the performance of their duties.

L. The Contractor shall also provide and maintain an office for the use of the Inspector and Architect on the site at a location to be determined by the Owner and/or the Owner's representative. This office will be watertight and of adequate size to accommodate a desk, chair, filing cabinet, plan rack, two stools, and large plan table, all provided by the Contractor. This office shall be provided with
windows, lighting, heat and a non-coin operated telephone, all to be paid for by the Contractor for the duration of the Project.

M. The Contractor shall promptly remove all such temporary facilities when they are no longer needed for the work or for completion of the Project, mutually agreed upon by the Contractor and the District.


13.10 CONFLICT OF INTEREST

A. Contractor understands the following and certifies that it does not know of any facts which constitutes a violation:

1. Contractor hereby certifies that no current Board member or employee of the Peralta Community College District, and no one who has been a Board member or who has been employed by the Peralta Community College District within the past two years, has participated in bidding, selling or promoting this contract. Furthermore, Contractor certifies that no such current or former Board member or employee has an ownership interest in this contract, nor shall any such current or former Board member or employee derive any compensation, directly or indirectly, from this contract. Contractor understands that any violation of this provision of the contract shall make the agreement voidable by the District.

2. Government Code of the State of California, Section 87100 et. seq. regarding Public officials; state and local; financial interest:

B. No public official at any level of state or local government shall make, participate in making or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he has a financial interest.

13.11 SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT

A. The District (Owner) shall notify the Division of the State Architect (“ORS”) of the start of construction as required by California Code of Regulations, Title 24, Part 1, Section 4-331, and by California Education Code Sections 39152, 39153, 81142, and 81143.

B. As required by California Code of Regulations, Title 24, Part 1, section 4-334, during construction, reconstruction, repair, alteration of or addition to any school building, the ORS shall make such inspection as in its judgment is necessary or proper for enforcement of the act and the protection of the safety of the pupils, the teachers and the public. If at any time as the work progresses and prior to the issuance of the final approval, it shall be found by the ORS that modifications or
changes are necessary to secure safety, orders shall be issued by the DSA for such modifications or changes.

13.12 INSTRUCTIONS AND MANUALS

A. Three copies each of all maintenance instructions, application/installation instructions and service materials called for in the Contract Documents shall be provided by the Contractor. These shall be complete as to drawings, details parts lists, performance data and other information that may be required for the Owner to easily maintain and service the materials and equipment installed under this Contract.

B. All manufacturer’s application/installation instructions shall be given to the Inspector at least ten (10) days prior to first material application or installation of the item by the Contractor.

C. The maintenance instructions and manuals, along with any specified guarantees, shall be delivered by the Contractor to the Architect for review prior to submission to the Owner. The Contractor or appropriate Subcontractors shall instruct Owner’s personnel in the operation and maintenance of the more complex equipment prior to final acceptance of the Project.

13.13 AS-BUILT DRAWINGS

A. The Contractor and all his subcontractors shall maintain a separate complete set of contract drawings at the work site, which will be used solely for the purpose of recording changes made in any portion of the work during the course of construction, regardless of the reason for the change. As changes occur, they will be included or marked on this record set on a daily basis if at all possible to keep them up to date at all times. Actual locations to scale shall be identified on the drawings for all runs of mechanical and electrical work, including all site utilities, etc., installed underground, in walls, floors, and furred spaces, or otherwise concealed areas. Deviations from the drawings shall be shown in detail. All main runs, whether piping, conduit, ductwork, drain lines, etc., shall be located in addition, by dimension and elevation. Where appropriate, the source document of the change shall be noted, i.e., RFI #, etc.)

D. Progress payments may be delayed or withheld until such time as the record set (AS BUILT DRAWINGS) is brought up to date to the satisfaction of the Architect. The Contractor shall verify that all changes in the work are included in the AS-BUILT drawings and shall deliver the complete set thereof to the Architect for his review and satisfaction prior to submittal to the Owner. A necessary condition for release of final retention shall be submission of complete set of AS BUILT drawings to the Owner as approved by the Architect. These drawings shall be submitted to the Owner with request for final payment.
13.14 PREVAILING WAGES

A. The District reserves the right to monitor Prevailing Wages in the work force in accordance with the rights given the District by the Labor Code and the Contractor agrees to cooperate with the District at no additional cost to the District.

13.15 ASBESTOS MATERIALS

A. No materials containing asbestos shall be used or installed in the work on District contracts unless the Contractor has prior written approval from the manager of the District's Asbestos Control Program.

13.16 ASBESTOS ABATEMENT

A. No construction or demolition operations as required by the contract documents shall simultaneously operate in the proximity of an asbestos work area or affect in any way the asbestos abatement work, including air fiber levels. The General Contractor will be fully responsible for any costs associated with delays and/or additional testing directly or indirectly resulting from such interferences. All air samples above the specified criteria of 0.01 f/cc outside asbestos work areas will be required to be analyzed by transmission electron microscopy (TEM) at the Contractor's expense.

13.17 SCHOOL FACILITIES UNDER CONSTRUCTION OR RENOVATION; USE OF LEAD PAINT, PLUMBING, ETC. PROHIBITED

A. New School facilities under construction, or school facilities undergoing a modernization or renovation program, shall not utilize lead-based paint, lead plumbing and solders, or other potential sources of lead contamination (added by stats. 1992, c. 1317 (A.B.1659) 2. of General Education Code Provisions.)

13.18 RECYCLING PROGRAM

A. It is the expressed intent of the PCCD to minimize waste and waste generation in all activities under its control and oversight. To that end, the Contractor shall be required to divert, to the maximum extent feasible, all materials from solid waste to other uses. Specific requirements are detailed as follows:

E. The Contractor shall be required to separate construction and demolition debris materials by type and arrange for pick-up or drop-off and re-use or recycle of said materials. Materials shall include, at a minimum, wood (re-usable dimensional lumber, re-usable wood pallets and recyclable untreated wood), ferrous and non-ferrous metals, cardboard, excavation soil, concrete, and asphalt, as appropriate, given the nature of the job.
Materials need not be recycled if an appropriate re-use, employing a local firm, such as Building Resources, can be made.

D. The contractor shall provide the District, in advance, a list of material types that will likely become surplus throughout the course of the project and a plan for intended disposition. The Contractor is responsible for the removal of all construction and demolition debris generated by the project. The PCCD Recycling Coordinator can provide the Contractor with a list of acceptable companies that provide recycling and re-use service for construction and demolition debris. The PCCD Recycling Program will provide the Contractor with recycling services for the following materials: aluminum cans, glass bottles, white paper, and mixed paper.

ARTICLE 14 - TERMINATION OR SUSPENSION OF THE CONTRACT

14.01 TERMINATION BY THE DISTRICT FOR CAUSE

A. The District may terminate the Contract if the Contractor:

1. Refuses or fails to supply enough properly skilled workers or proper materials;

2. Persistently disregards laws, ordinances, or rules, regulations or orders of a public authority having jurisdiction; or

3. Otherwise is guilty of substantial breach of a provision of the Contract Documents.

B. When any of the above reasons exist, the District may without prejudice to any other rights or remedies of the District and after giving the Contractor and the Contractor's surety seven days' written notice, terminate employment of the Contractor and may:

1. Take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;

2. Accept assignment of subcontracts pursuant to Paragraph 5.03; and

3. Finish the Work by whatever reasonable method the District may deem expedient.

C. When the District terminates the Contract for one of the reasons stated in Article 14 of these General Conditions, the Contractor shall not be entitled to receive further payment until the Work is finished.

D. If the unpaid balance of the Contract Sum exceeds costs of finishing the Work, including compensation for the District representatives' services and expenses made necessary thereby, such excess shall be paid to the Contractor. If
such costs exceed the unpaid balance, the Contractor and/or the Surety shall pay the difference to the District. The amount to be paid to the Contractor or District, as the case may be, upon application, and be an obligation for payment that shall survive termination of the Contract.

14.02 Suspendison by the District for Convenience

A. The District may, without cause, order the Contractor in writing to suspend, delay or interrupt the Work in whole or in part for such period of time as the District may determine.

B. An adjustment shall be made for increases in the cost of performance of the Contract caused by suspension, delay or interruption. No adjustment shall be made to the extent:

1. That performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible; or

2. That an equitable adjustment is made or denied under another provision of this Contract.

14.03 Termination by the District for Convenience

A. The District may terminate the performance of Work under this Contract in accordance with this clause in whole, or from time to time in part, whenever the District shall determine that such termination is in the best interest of the District. Any such termination shall be effected by delivery to the Contractor of a notice of termination specifying the extent to which performance of Work under the contract is terminated, and the date upon which such termination becomes effective.

B. After receipt of a notice of termination, and except as otherwise directed by the District, the Contractor shall:

1. Stop Work under the contract on the date and to the extent specified in the notice of termination;

2. Place no further orders or subcontracts for materials, services, or facilities except as necessary to complete the portion of the Work under the contract which is not terminated;

3. Terminate all orders and subcontracts to the extent that they relate to the performance of Work terminated by the notice of termination;

4. Assign to the District, in the manner, at the times, and to the extent directed by the District, all of the right, title, and interest of the Contractor under the orders and subcontracts so terminated. The District shall have the right, in its
discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts;

5. Settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts with the approval or ratification of the District, in writing, to the extent it may require. Its approval or ratification shall be final for all the purposes of this clause;

6. Transfer title to the District, and deliver in the manner, at the times, and to the extent, if any, directed by the District, (a) the fabricated or unfabricated parts, Work in process, completed Work, supplies, and other material produced as a part of, or acquired in connection with the performance of, the Work terminated by the notice of termination, and (b) the completed or partially completed drawings, information, and other property which, if the contract had been completed, would have been required to be furnished to the District;

7. Use its best efforts to sell, in the manner, at the times, to the extent, and at the price or prices that the District directs or authorizes, any property of the types previously referred to herein, but the Contractor (a) shall not be required to extend credit to any purchaser, and (b) may acquire any such property under the conditions prescribed and at a price or prices approved by the District. The proceeds of any such transfer or disposition shall be applied in reduction of any payments to be made by the District to the Contractor under this contract or shall otherwise be credited to the price or cost of the Work covered by this contract or paid in such other manner as the District may direct;

8. Complete performance of such part of the Work as shall not have been terminated by the notice of termination; and

9. Take such action as may be necessary, or as the District may direct, for the protection and preservation of the property related to this contract, which is in the possession of the contractor, and in which the District has or may acquire an interest.
C. After receipt of a notice of termination, the Contractor shall submit to the District its termination claim, in the form and with the certification the District prescribes. Such claim shall be submitted promptly but in no event later than one (1) year from the effective date of termination, unless one or more extension in writing are granted by the District upon request of the Contractor made in writing within such 1-year period or authorized extension. However, if the District determines that the facts justify such action, it may receive and act upon any such termination claim at any time after such one-year period or extension. If the Contractor fails to submit its termination claim within the time allowed, the District may determine, on the basis of information available to the District, the amount, if any, due to the Contractor because of the termination. The District shall then pay to the Contractor the amount so determined.

D. Subject to the previous provisions, the Contractor and the District may agree upon the whole or any part of the amount or amounts to be paid to the Contractor because of the total or partial termination of Work under this Paragraph. The amount or amounts may include a reasonable allowance for profit on Work done. However, such agreed amount or amounts, exclusive of settlement costs, shall not exceed the total contract price as reduced by the amount of payments otherwise made and as further reduced by the contract price of Work not terminated. The contract shall be amended accordingly, and the Contractor shall be paid the agreed amount. Nothing following, prescribing the amount to be paid to the Contractor in the event of failure of the Contractor and the District to agree upon the whole amount to be paid to the Contractor because of the termination of Work hereunder, shall be deemed to limit, restrict, or otherwise determine or affect the amount or amounts which may be agreed upon to be paid to the Contractor pursuant to this Subparagraph.

E. If the Contractor and the District fail to agree, as the previous subparagraph provides, on the whole amount to be paid to the Contractor because of the termination of Work hereunder, the District shall determine, on the basis of information available to the District, the amount, if any, due to the Contractor by reason of the termination and shall pay to the Contractor the amounts determined as follows:

1. For all Contract Work performed before effective date of the notice of termination, the total (without duplication of any items) of:
   a. The cost of such Work;
   b. The cost of settling and paying claims arising out of the termination of Work under subcontracts or orders as previously provided. This cost is exclusive of the amounts paid or payable on account of supplies or materials delivered or services furnished by the Contractor before the effective date of the notice of termination. These amounts shall be included in the cost on account of which payment is made for the cost of Work previously provided; and
   c. A sum, as profit on the cost of the Work as previously provided, that the District determines to be fair and reasonable. But, if it appears that the Contractor
would have sustained a loss on the entire Contract had it been completed, no
profit shall be included or allowed, and an appropriate adjustment shall be made
reducing the amount of the settlement to reflect the indicated rate of loss; and

2. The reasonable cost of the preservation and protection of property
incurred as previously provided. The total sum to be paid to the Contractor shall not
exceed the total Contract price as reduced by the amount of payments otherwise
made and as further reduced by the Contract Price of Work not terminated. Except
for normal spoilage, and except to the extent that the District shall have otherwise
expressly assumed the risk of loss, there shall be excluded from the amounts
payable to the Contractor the fair value, as determined by the District, of property
which is destroyed, lost, stolen, or damaged, to the extent that it is undeliverable to
the District, or to a buyer as previously provided.

F. The Contractor shall have the right to dispute as provided hereinafter in the
Subparagraph entitled "Remedies," from any determination the District makes
under the previous subparagraphs. But, if the Contractor has failed to submit its
claim within the time provided and has failed to request extension of such time, it
shall have no such right of appeal. In any case where the District has determined
the amount owed, the District shall pay to the Contractor the following:

1. If there is no right of appeal hereunder or if no timely appeal has been
taken, the amount so determined by the District or;

2. If a "Remedies" proceeding is initiated, the amount finally determined
in such "Remedies" proceeding.

G. In arriving at the amount due the Contractor under this clause there shall be
deducted:

1. All unliquidated advance or other payments on account theretofore
made to the Contractor, applicable to the terminated portion of this contract;

2. Any claim which the District may have against the Contractor in
connection with this Contract; and

3. The agreed price for, or the proceeds of sale of, any materials, supplies,
or other things kept by the Contractor or sold, under the provisions of this clause,
and not otherwise recovered by or credited to the District.
H. If the termination hereunder were partial, before the settlement of the terminated portion of this contract, the Contractor may file with the District a request in writing for an equitable adjustment of the price or prices specified in the contract relating to the continued portion of the contract (the portion not terminated by the notice of termination). Such equitable adjustment as may be agreed upon shall be made in the price or prices. Nothing contained herein shall limit the right of the District and the Contractor to agree upon the amount or amounts to be paid to the continued portion of the contract when the contract does not contain an established contract price for the continued portion.

I. Remedies: All claims, counter-claims, disputes and other matters in question between the District and the Contractor arising out of or relating to this Contract or its breach will be decided in a court of competent jurisdiction within the State of California.

J. The Contractor understands and agrees that the forgoing termination of Contract for convenience provisions shall be interpreted and enforced pursuant to cases interpreting and enforcing similar provisions in federal procurement contracts.
Peralta Community College District
Alameda County, California

Project Manual for:

Bid No. 11-12/08

Merritt College
Roof Replacement for Building L, Library/Learning Center

(Project No.:)

Located at:
Merritt College
12500 Campus Drive
Oakland, CA 94619

September 19, 2011
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OAKLAND, CALIFORNIA

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PART 1-GENERAL

1.1 SUMMARY OF WORK

A. This project comprises removal of existing roofing, insulation and related flashings to substrate, inspection of existing deck and related areas for all abnormalities. Furnishing and installing two new layers of insulation and multi-ply BUR system. Providing and installation of new flashings at walls, penetrations, projections and drains. Furnishing and installing new flashings at support bases on platforms and related areas, as well as providing proper roof protection system under all existing cable trays for cell site equipment and the installation of white aggregate “Cool Roof” surfacing system.

1.2 RELATED DOCUMENTS:

A. Drawings and general provisions of the Contract, including PPCD General Condition 00700 and PCCD Supplementary Conditions and other Division-1 Specification Sections, apply to this Section and to all other Specification Sections.

1.3 CONTRACTOR'S USE OF PREMISES:

A. During the construction period the Contractor shall have full use of the site for construction operations. The Contractor's use of the site is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the Project.

1.4 SITE CONDITIONS AND LAYOUT

A. Examination of Site: Data in these Specifications and on the Drawings are as accurate as possible, but are not guaranteed. Verify locations, levels, distances and features that may affect the Work. No allowance will be made in the Contractor's behalf for any extra expense resulting from failure or neglect in determining the conditions under which Work is to be performed, or in the Contractor's interpretation of the Information furnished by the Soils Engineer or the Civil Engineer.

B. Layout: The Contractor shall verify all grades, levels, lines and dimensions indicated on the Drawings, and shall report all inconsistencies to the District Representative before commencing work.

1.5 COORDINATION

A. Overall: The Contractor shall coordinate all portions of the Work of the several Subcontractors for the Project. Each Subcontractor shall coordinate its own portion of the Work and cooperate with the Contractor to coordinate its Work with that of others.
B. Subcontractors: Coordinate Work with the Work of other Contractors and Subcontractors. Furnish the Contractor with timely Construction Schedules and Project Record Documents. Participate in progress meetings with the Contractor to maintain coordination and schedules and to resolve matters in dispute.

1.6 SUPERVISION

A. The Contractor shall employ sufficient assistants to the Superintendent, qualified by training and experience, to perform their assigned tasks, to supervise and inspect the work of its Subcontractors and the work done with Contractor's own forces. These supervision and inspection duties are to determine the adequacy of each Subcontractor's personnel, equipment, materials, and supplies to perform the Work in accordance with the Contract Documents and within the Project Schedule, and to guard against defects and deficiencies in the Work.

B. The Superintendent or assistants shall supervise and oversee the layout of the foundation work and embedded structural anchorages, the erection and alignment of the structural steel work, the installation of the exterior weather-resistant elements, and shall oversee and coordinate the installation of the mechanical systems for HVAC, plumbing and fire sprinklers. These supervision duties are to use the Contractor's best skill and attention so that the Work shall progress smoothly and expeditiously, and shall be performed in the best way consistent with the Contract Documents and the interests of the District, and so that all Work shall be completed in a good and workman-like manner consistent with accepted trade practices.

1.7 PROJECT MEETINGS

A. Pre-construction Conference: After award of the Contract, the Contractor shall conduct a meeting with the Architect and authorized representatives of the Owner. Administrative procedures, lines of authority and communication, construction schedules, quality control, and coordination shall be discussed.

B. Progress Meetings: The Contractor shall conduct regular weekly meetings at the Project Site, attended by the Owner, the Architect, and, as appropriate to the agenda, the Architect’s consultants, Subcontractors and suppliers. The meetings shall monitor construction progress and discuss construction schedule, field observations, work quality, detection and resolution of problems and conflicts, coordination, pending changes or substitutions, and submittals.

C. Pre-Installation Meetings: One week before a Subcontractor begins its portion of the Work, the Contractor shall meet with the Subcontractor and its representative at the Project Site to examine and verify the suitability of conditions for installation; to discuss requirements for delivery, handling and storage of materials; for protection and preparation; and to review the installation procedures, field quality control and scheduling. The Subcontractor and the Contractor shall review the Drawings and Specifications and report to the District and Architect any requirement, which departs from accepted trade standards for good and workman-like construction. Obtain the District's written instructions before proceeding with that portion of the Work.

1.8 REGULATORY REQUIREMENTS

A. Comply with applicable requirements of all Federal, State and local agencies having jurisdiction over the Project. If changes are required by authorities having jurisdiction, contractor will be entitled to costs associated with changed scope. References to "code" or building code" not otherwise identified, shall mean the California Building Standards
Commission's California Building Code, 2007 Edition, (includes International Building Code, 2001 Edition with State of California Amendments) together with additions, changes, amendments and interpretations adopted by the enforcing agency, and in effect on the date of receipt of bids. Nothing in the Drawings or these Specifications is to be construed as requiring or permitting work that is contrary to these rules, regulations and codes.

1.10 REFERENCE STANDARDS

A. For Work specified by reference to standard specifications of agencies or societies, comply with the applicable requirements of the latest revision and supplements, unless otherwise specified. Reference standard specifications have the same force as if they were printed in full context within the Specification, except as modified in the Section.

1.11 SAFETY

A. Exercise precaution at all times for the protection of persons and property. Observe the safety provisions of all applicable laws, building and construction codes. Eliminate nuisances from the Work and from the Site. In no case shall the Owner or Architect be responsible for work operations means, methods, techniques, sequences or procedures or for safety precautions and programs in connections with the Work, nor shall the Owner or Architect be responsible for any Contractor's failure to employ proper safety procedures. The consumption and use of alcoholic beverages or hallucinogenic or mentally or physically debilitative drugs, is prohibited on the Project Site.

1.12 JOB SITE RULES

A. Tools, Materials and Work-in-Place: Each Contractor and Subcontractor shall effectively secure and protect all work done under its Subcontract and shall assume full responsibility for the condition thereof until final completion and Owner's final acceptance of the Project.

B. The Project Site shall be adequately fenced or barricaded to assure safety of persons and security of property. Materials and equipment shall be stored within the limits of the site. Do not unreasonably encumber site with materials or equipment.

1.13 PROTECTION OF WORK:

A. Protect the various materials, work, equipment and finishes provided by the several trades from other operations or work such that all items are in satisfactory condition at the Date of Substantial Completion. The final responsibility for this protection rests with the Contractor even though various Sections may contain specific comments or precautions about protection.

END OF SECTION 01005
SECTION 01020 ALLOWANCES

PART 1-GENERAL

1.1 REQUIREMENTS AND DESCRIPTION OF THE WORK

   A. This section identifies and schedules cash allowances included in the Contract Sum.

1.2 GENERAL

   A. Allowance shall not be charged against for labor, miscellaneous materials, tools, overhead, and profit on labor. All costs relating to the work shall be included in the bid. Any portion of the allowance not used shall be returned to the District. The allowance shall be exceeded only with the written permission of the District. Such excess shall be subject to a change order adjusting the contract amount. Allowances apply to work that exceeds that which is shown and described in the Construction Documents. Use of the Allowance must be approved in writing by the District. Any portion of the allowance not shall be returned to the District. The allowance shall be exceeded only with the written permission of the District. Such excess shall be subject to a change order adjusting the contract amount.

1.3 CASH ALLOWANCES

   A. Contractor shall provide an Allowance, on top of their base bid for unit cost items, of the sum of twenty thousand dollars ($20,000) for any additional items that may arise during construction. This shall be billed based on unit costs and agreed upon amount. If not all the allowance is used, then the Contractor shall credit back to the Owner the dollar amount, based on the unit cost. Allowances are broken down by individual item within the Bid Form.

PART 2 - PRODUCTS (not used)

PART 3 - EXECTION (not used)

END OF SECTION
SECTION 01250 CONTRACTOR'S REQUEST FOR INFORMATION

PART 1      GENERAL

1.1 SUMMARY
   A. This Section covers general requirements for Contractor's requests for information (RFI).
   
   B. Related Sections
      1. General Conditions - 00700
      2. Section 01005 - Special Requirements: Requirements for project meetings.
      3. Section 01300 - Submittals: Requirements for submittals.

1.2 CONTRACTOR'S REQUESTS FOR INFORMATION
   A. Submit a Request for Information to the District and Architect when:
      1. An unforeseen condition or constructability question occurs.
      2. Questions regarding information in the Contract Documents arise.
      3. Information not found in the Contract Documents is required.
   
      When possible, request such clarification either verbally or in writing at the next scheduled
      Project meeting. When the RFI is answered at the Project meeting, number the RFI and enter
      the response into the meeting minutes.
      1. When the urgency of the need, or the complexity of the item makes clarification at the
         next scheduled Project meeting impractical, prepare and submit a formal written RFI to
         the District and Architect.
   
      C. Submit RFI'S within a reasonable time frame so as not to interfere with, or impede the
         progress of the Work. Keep the number of RFI'S to a minimum. When the number and
         frequency of RFIs submitted becomes unwieldy, the District may require the Contractor to
         abandon the process and submit requests as either submittals, substitutions, or requests for
         change.
         1. When an answer to an RFI has an effect on cost or time, notify the District in
            accordance with the Contract Documents when the RFI is received. Notification shall
            occur prior to commencing such work, so that the change order process can be
            initiated.
         2. When submitting an RFI alert the District and Architect, in writing, to the time available
            before the response will cause an impact to the Project.
   
      D. When submitted in writing, submit the RFI in quadruplicate as follows:
         1. Submit legible written request (FAX is acceptable) on a standard CSI or AIA preprinted
            form or another form approved in advance by the District and Architect. Include the
            following information:
            a. Project name, as listed on the Contract Documents, Architect's project number or
               other identifying number, if any.
            b. Date.
            c. Name, address, telephone and FAX numbers of the Contractor.
            d. Number and title of affected Specification Section or Sections.
            e. Drawing numbers and detail references, as appropriate.
            f. Clear, concise explanation of information or clarification requested.
            g. Blank, lined spaces for District and Architect's written response.
         2. Each page of each attachment to the RFI shall bear the RFI number in the lower right
            corner.
         3. Number submitted RFIs consecutively.
         4. Sign and stamp all RFI forms. RFI from subcontractors or material suppliers shall be
            submitted through, and be reviewed by the Contractor prior to submittal to the District
            and Architect.
E. Unanswered RFI will be returned with a stamp or notation "Not Reviewed".

F. Prepare and maintain an RFI log. Update on a weekly basis. Log RFI number, brief description of content or subject discussed, date submitted, and date answered. Keep log current and furnish copy when so requested by the District.

G. Allow a minimum of 7 working days for review and response time; the response time will be increased if more information is required, when the RFI is submitted out-of-sequence, or if in the opinion of the Architect, more time is needed to answer the RFI.

1.3 QUALITY ASSURANCE

A. Carefully study the Contract Documents to assure that the requested information is not available therein. RFI which requests information available in the Contract Documents may not be answered by the Architect.
   1. Before submitting RFI to the District, verify that the information requested is not indicated in the Contract Documents, or cannot be determined from a careful review of same.

B. In all cases where a RFI is issued to request clarification of coordination issues, for example, pipe and duct routing, clearances, specific locations of work shown diagrammatically, and similar items, the Contractor shall fully lay-out a suggested solution using drawings or sketches drawn to scale, and submit same with the RFI. RFI which fails to include a suggested solution will not be answered.

C. Do not use RFI for the following purpose:
   1. To request approval of submittals.
   2. To request approval of substitutions.
   3. To request changes to the Contract Documents and to confirm action taken by the Contractor for requested changes/substitutions to the Contract Documents.

D. If the Contractor believes that a clarification by the District or Architect may result in a change in Contract price, the Contractor shall not proceed with the work indicated by the RFI until a Change Order or other acceptable tracking device is prepared and approved.
   1. If the Contractor believes that a clarification by the District or Architect results in additional cost, the Contractor shall identify in the RFI the basis of the Contractor's bid as it relates to the RFI.
   2. Answered RFI shall not be construed as approval to perform extra work.

END OF SECTION 01250
SECTION 01300 SUBMITTALS

PART 1-GENERAL

1.1 SUMMARY

A. Section specifies administrative and procedural requirements for Submittals required for performance of the Work, including preliminary construction schedule; Contractor's Progress Schedule; Schedule of Submittals; Schedule of Values; submittal of Shop Drawings, Product Data and Samples.

B. Related Sections
   1. Refer to PCCD General Conditions 00700
   2. Refer to other Division-1 Sections and other Contract Documents for requirements for administrative submittals including applications for payment, performance and payment bonds, insurance certificates, and lists of Subcontractors.

1.2 GENERAL SUBMITTAL PROCEDURES

A. Coordinate preparation and processing of submittals with performance of construction activities. Transmit each submittal sufficiently in advance of performance of related construction activities to avoid delay. Coordinate submittals that require sequential activity and coordinate different types of submittals for related elements of the Work so processing will not be delayed by the need to review submittals concurrently for coordination. The District or Architect reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.

B. Allow sufficient review time so that installation will not be delayed as a result of the time required to process submittals, including time for resubmittals. No extension of Contract Time will be authorized because of failure to transmit submittals to the District and Architect sufficiently in advance of the Work to permit processing.

C. Package each submittal appropriately for transmittal and handling. Transmit each submittal from Contractor to District or Architect using a standard transmittal form which tracks the routing and action taken on each submittal. Submittals received from sources other than the Contractor will be returned without action.

1.3 SCHEDULE CRITERIA

A. The schedules shall not exceed time limits for construction under the Contract Documents, shall be revised at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project, and shall provide for expeditious and practicable execution of the Work. The Contractor shall conform to the most recent schedules.

1.4 PRELIMINARY CONSTRUCTION SCHEDULE

A. Submit a preliminary horizontal bar-chart type construction schedule at intervals as requested by the Owner. Indicate completion of the Work in advance of the date established for Substantial Completion.
B. Provide a separate time bar for each significant construction activity. Coordinate each element on the schedule with other construction activities. Provide a continuous vertical line to identify the first working day of each week.

C. With the submittal of the Preliminary Construction Schedule, include a tabulation by date of submittals required during the first 90 days of construction. List those submittals required to maintain orderly progress of the work, and those required early because of long lead time for manufacture or fabrication. Coordinate with requirements of the General Contractors.

1.5 CONTRACTOR’S CONSTRUCTION SCHEDULE AND SUBMITTAL SCHEDULE

A. Contractor to use standard bar chart style construction schedule for the work. Promptly after the date established for the "Commencement of the work” submit a schedule for review by the Architect and the Owner. The chart is to provide a separate time bar for each significant construction activity. The schedule is to, at a minimum, be revised monthly prior to the project meetings required to review the Contractor's requests for payment. Contractor to comply with requirements in General Conditions of the Contract for Construction, for Construction Scheduling.

B. Contractor to provide, as required by the General Conditions of the Contract, 1. A schedule of submittals for the District and Architect’s review which will indicate the required review time frames for submittals in order to allow the District and Architect reasonable time to review the submittals.

1.6 SCHEDULE OF VALUES

A. Submit typed summary schedule on AIA Form G703 or other Owner-approved 8-1/2 x 11 inch paper. Identify each line item with number and title of the major Specification Section.

B. Provide back-up listing the installed value of each major item of work and each subcontracted item of work as a separate line item to serve as a basis for computing values for progress payments. For each major subcontract, list products and operations of that subcontract as separate line items. For items on which payments will be requested for stored products, list sub-values for cost of stored products with taxes paid. The sum of all values listed in the Schedule of Values shall equal total Contract Sum.

C. Provide additional details when requested by the Owner. To evaluate a payment request or request for an increase in the Contract Sum, additional detail and unit prices for materials and labor to evaluate costs may be required.

1.7 DISTRIBUTION OF SCHEDULES

A. Distribute copies of the reviewed schedules to the job site file, Subcontractors, and other concerned parties. Instruct recipients to report promptly to the Contractor, in writing, any problems anticipated by the projections shown in the schedules.

1.8 GENERAL REQUIREMENTS FOR SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

A. The Contractor shall review, approve, stamp and submit to the District and Architect, with reasonable promptness and in such sequence as to cause no delay in the Work or in the work of the Owner or any separate contractor, all Shop Drawings, Product Data and Samples required by the Contract Documents.

B. By approving and submitting Shop Drawings, Product Data and Samples to the District and Architect, the Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, and that he has checked and coordinated the information contained within such submittals with the requirements of his...
various Subcontractors, of the Work, of the Contract Documents, and of the local conditions under which the Work is to be performed.

C. The Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents by the Architect's review of Shop Drawings, Product Data or Samples, unless the Contractor has specifically informed the District and Architect in writing of such deviation at the time of submission and the Architect has given written acceptance of the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the Shop Drawings, Product Data or Samples by the District's or Architect's review thereof.

D. The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the Architect on previous submittals.

E. Do not commence any portion of the Work requiring submission of a Shop Drawing, Product Data or Sample until the Contractor's approval and the District's and Architect's review of the submittal is complete. Perform all Work in accordance with the reviewed submittals.

F. The Shop Drawings, Product Data and Samples are in no case to be considered Contract Documents, but are to be treated only as instruments of convenience and facility to further the progress of the Work.

G. Notwithstanding any quantities indicated or specifically stated on the Shop Drawings, Product Data or Sample submittals, the Contractor shall be solely responsible for all quantities of materials or equipment required to properly complete the Work.

1.9 SHOP DRAWINGS

A. Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor or any Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

B. Submit newly prepared information, drawn to accurate scale. Highlight, encircle, or otherwise indicate deviations from the Contract Documents. Do not reproduce Contract Documents or copy standard information as the basis of Shop Drawings. Standard information prepared without specific reference to the Project is not considered to be a Shop Drawing.

C. Identify details on Shop Drawings by reference to Sheet and Detail Numbers of Contract Drawings or specific reference to Sections and Paragraphs of the Specifications.

D. Indicate relation to adjacent work or work of other trades. Clearly identify field dimensions. Describe tolerances, finishes and composition of the assembly.

E. Coordination drawings are a special type of Shop Drawings that show the relationship and integration of different construction elements that require careful coordination during fabrication or installation to fit in the space provided or function as intended. Submit of coordination drawings, when requested by the District or Architect, indicating how Work shown by separate Shop Drawings of separate entities will interface and sequence.

1.10 PRODUCT DATA

A. Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate a material, product or system for some portion of the Work.
B. Modify standard schematic drawings to delete information which is not applicable and provide additional information where so required for this Project. Where Product Data must be specially prepared because standard printed data is not suitable for use, submit as a Shop Drawing.

C. For manufacturer's catalog sheets, brochures, diagrams, schedules, performance charts, illustrations and other standard descriptive data:
   1. Clearly mark each copy to identify pertinent materials, products, models, finishes, etc.
   2. Show clearly all standard options included.
   3. Show dimensions and clearances required.
   4. Show performance characteristics and capacities.
   5. Show wiring diagrams, controls and necessary rough-in requirements for utility services and connections (where applicable).

D. Identify each item of Product Data by reference to Sheet and Detail Numbers of Contract Drawings or specific reference to Sections and Paragraphs of the Specifications.

E. Submit standard specifications of agencies, societies and trade associations, and manufacturer's written specifications and installation instructions with Product Data where Work is specified by reference to such standard specifications, as required in each individual section of these specifications.

1.11 SAMPLES

A. Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

B. Where Samples are required of materials which inherently show a range of size, color, texture or finish, submit Samples in sufficient quantity to show this range.

C. Identify Samples with a tag by reference to Sheet and Detail Numbers of Contract Drawings or specific reference to Sections and Paragraphs of the Specifications.

D. Unless the Architect determines that Samples must be retained for reference purposes, Samples will be returned when so requested by the Contractor. No Sample shall be incorporated into the Work unless specific approval is given by the District and/or the Architect.

E. The Contractor shall pay all charges for submission of Samples and for their return.

1.12 SUBMISSION REQUIREMENTS FOR SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

A. Number and Form of Submittals Required:
   1. Shop Drawings: Three sets of prints plus one sepia reproducible.
   2. Product Data: The number of copies which the Contractor requires, plus two which will be retained by the Architect; seven copies minimum.
   3. Samples: The number stated in each Specification Section, seven minimum.

B. The Subcontractor/Supplier shall prepare and forward to the Contractor the required number and form of submittal.

C. Upon completion of its review, the Contractor shall stamp the submittal, forward the submittal to the District and Architect, and forward Shop Drawing prints or Product Data copies to the Owner as required by General Conditions 00700. When requested by the Architect, forward the submittal directly to the Architect's consultant, with a duplicate and a copy of the transmittal to the Architect.
D. After receiving input from his consultant and the Owner and following his review, the 
Architect will stamp the submittal indicating its status, and return it to the Contractor while 
retaining a file copy. The record print of Shop Drawings will be returned to the Contractor.

E. The Contractor shall return Shop Drawings and one copy of Product Data to the 
Subcontractor/Supplier and retain the additional copies.

F. Resubmittals, if any, shall be made in like manner.

G. The Contractor shall review and return preliminary submittals or submittals requiring major 
revision directly to the Subcontractor/Supplier prior to approving and submitting to the 
Architect.

H. Accompany submittals with a letter of transmittal listing the Project title, name and address 
of the Subcontractor/Supplier, Specification Section number and paragraph, date and 
identification number of each item submitted, notification of deviations from Contract 
Documents, coordination status and acceptance by other trades and Subcontractors, 
identification of revisions or resubmittals, and other pertinent data.

1.14 FINAL DISTRIBUTION OF SHOP DRAWINGS, PRODUCT DATA AND SAMPLES AFTER 
REVIEW

A. In addition to copies of submittals required by the Contractor, Subcontractors, suppliers or 
fabricators, make distribution to the job site file and the Project Records Documents file.

END OF SECTION 01300
SECTION 01505 CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

1.1 SUMMARY

A. Section specifies diversion of construction and demolition (non-hazardous) debris from landfill.

B. Related Sections
   1. Section 01005 - Special Requirements: Project meeting requirements.
   2. Section 01300 - Submittals: General requirements for submittals
   3. Section 01500 - Temporary Facilities: Requirements for temporary facilities.

1.2 REFERENCE STANDARDS

A. ACWMA - Alameda County Waste Management Authority's

1.3 SYSTEM DESCRIPTION

A. Implementation of a Construction Waste Management Plan to divert a minimum of 75 percent of the construction waste generated during the construction process from the landfill.

B. Reduce sources of waste by encouraging subcontractors and vendors to minimize the packaging requirements of delivered items.

1.4 DEFINITIONS

A. "Conversion Rate" means rate set forth in standardized Conversion Rate Table approved by Redwood City for use in estimating weight of materials identified in Waste Management Plan.

B. "Divert" means to use material for any purpose other than disposal in landfill or transfer facility.

C. "Good faith" is to be as defined by law.

D. "Net cost" means that following have been subtracted from cost of separating and recycling:
   1. Revenue from sale of recycled or salvaged materials
   2. Landfill tipping fees saved due to diversion of materials from landfill.

E. "Recycling Service" means offsite service that provides processing of material and diversion from landfill.

F. "Hauler" means entity who transports construction and demolition debris to either landfill or recycling service.

1.5 QUALITY ASSURANCE

A. Contractor is to obtain any special permits and licenses and meet any special requirements for performance and completion of the work of this section.

B. Regulatory Requirements
   1. Comply with City of Oakland Construction and Demolition Recycling Debris Ordinance.

C. Recycling Service Company:
   1. Waste Management Recycle America (WM Recycle America)
SELECTIVE DEMOLITION

PART 1 - GENERAL

RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions, apply to this Section.

1.2 SUMMARY
A. This Section includes the following:
   1. Demolition and removal of the roofing, flashings and related areas per building.
   2. Buildings to be addressed: Merritt College: LRC

1.3 DEFINITIONS
A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.
B. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.
C. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

1.4 SUBMITTALS

Regulatory requirements Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
A. Standards: Comply with ANSI A10.6 and NFPA 241.
B. Predemolition Conference: Conduct conference at Project site to comply with requirements.

1.5 PROJECT CONDITIONS
A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
B. Notify Owner of discrepancies between existing conditions and Drawings before proceeding with selective demolition.

C. Hazardous Materials: Hazardous materials are present in construction to be selectively demolished.

D. Storage or sale of removed items or materials on-site is not permitted.

E. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
   1. Maintain fire-protection facilities in service during selective demolition operations.

1.6 WARRANTY

A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that utilities affected by the Work have been disconnected and capped.

B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.

C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.

D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Owner.

E. Survey of Existing Conditions: Record existing conditions by use of preconstruction photographs.

3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. Existing Services/Systems: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.
   1. Comply with requirements for existing services/systems interruptions specified in Division I Section "Summary."
B. Service/System Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.

1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
2. If services/systems are required to be removed, relocated, or abandoned, before proceeding with selective demolition provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.
3. Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.

3.3 PREPARATION
A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with walks, walkways, and other adjacent occupied and used facilities.

3.4 SELECTIVE DEMOLITION, GENERAL
A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
   1. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
   2. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
   3. Dispose of demolished items and materials promptly
B. Removed and Reinstalled Items:
   1. Clean and repair items to functional condition adequate for intended reuse. Paint equipment to match new equipment.
   2. Protect items from damage during transport and storage.
   3. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.
C. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition.

3.5 SELECTIVE DEMOLITION PROCEDURES FOR SPECIFIC MATERIALS
Merritt LRC
A. Roof membrane: Remove [e] roofing and insulation to substrate.
B. Baseflashings: Remove baseflashings to substrate.
C. Penetrations/projections: Remove existing flashings.
D. Drains: Remove strainer and remove [e] lead sheet and related flashings from drain

E. Metal counterflushing @ building walls: Remove existing flashings

F. Metal caps on sleepers: Leave in place and baseflushing in place.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.

1. Do not allow demolished materials to accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.7 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 01732
PART 1 - GENERAL

1.1 RELATED DOCUMENTS
   A. Drawings and general provisions of the Contract, including General and Supplementary Conditions apply to this Section.

1.2 SUMMARY
   A. This Section includes the following:
      1. Wood blocking as applicable for:
         - Nailers, blocking @ pipes.
      2. Work to be performed: Merritt LRC

1.3 DEFINITIONS
   A. Lumber grading agencies, and the abbreviations used to reference them, include the following:
      1. WCLIB - West Coast Lumber Inspection Bureau.
      2. WWPA - Western Wood Products Association.

1.4 SUBMITTALS
   A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.
      1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used, net amount of preservative retained, and chemical treatment manufacturer's written instructions for handling, storing, installing, and finishing treated material.

   B. Research/Evaluation Reports: For the following, showing compliance with building code in effect for Project:
      1. Preservative-treated wood.

1.5 QUALITY ASSURANCE
   A. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC 1.2, "Principles and Criteria":
      1. Miscellaneous lumber.
1.6 DELIVERY, STORAGE, AND HANDLING

A. Stack lumber, plywood, and other panels; place spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL

A. Lumber: DOC PS 20 and applicable rules of lumber grading agencies certified by the American Lumber Standards Committee Board of Review.

1. Factory mark each piece of lumber with grade stamp of grading agency.
2. Provide dry lumber with 19 percent maximum moisture content.

2.2 WOOD-PRESERVATIVE-TREATED MATERIALS

A. Preservative Treatment by Pressure Process: AWPA C2 lumber, except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).

1. Preservative Chemicals: Acceptable to authorities having jurisdiction and one of the following:
   a. Chromated copper arsenate (CCA).

B. Kiln-dry material after treatment to a maximum moisture content of 19 percent for lumber. Do not use material that is warped or does not comply with requirements for untreated material.

C. Application: Treat items to include the following:

1. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.

2.3 DIMENSION LUMBER

A. General: Provide dimension lumber of grades indicated according to the American Lumber Standards Committee National Grading Rule provisions of the grading agency indicated.

1. Pressure treated Douglas Fir(north); NLGA, WCLIB, or WWPA.

2.4 MISCELLANEOUS LUMBER

A. General: Provide lumber for support or attachment of other construction, including the following:

1. Blocking.
2. Nailers.

B. For items of dimension lumber size, provide Construction grade lumber with 19 percent maximum moisture content and one of the following species:

1. Pressure treated Douglas Fir(north); NLGA, WCLIB, or WWPA.

2.5 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified in this Article for material and manufacture.

1. Where carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A


C. Screws for Fastening to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.

D. Bolts: Steel bolts complying with ASTM A -307 hex nuts and, where indicated, flat washers.

E. Expansion Anchors: Anchor bolt and sleeve assembly of material indicated below with capability to sustain, without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and equal to 4 times the load imposed when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing and inspecting agency.

1. Material: Stainless steel with bolts and nuts complying with ASTM F 593

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Discard units of material with defects that impair quality of carpentry and that are too small to use with minimum number of joints or optimum joint arrangement.

B. Set carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit carpentry to other construction; scribe and cope as needed for accurate fit. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.

C. Apply field treatment complying with AWPA M4 to cut surfaces of preservative-treated lumber and plywood.

D. Securely attach carpentry work as indicated and according to applicable codes and recognized standards.

E. Countersink fastener heads on exposed carpentry work and fill holes with wood filler.
F. Use fasteners of appropriate type and length. Pre-drill members when necessary to avoid splitting wood.

3.2 WOOD BLOCKING, AND NAILER INSTALLATION

A. Install where indicated and where required for attaching other work. Coordinate locations with other work involved.

1. Furnish and install wood blocking as required for support of conduit/piping. Spacing shall meet current UBC code requirements.

2. Furnish and install wood blocking and related walkpads as required under cell phone cable trays.

3. Furnish and install nailers as required.

B. Attach items to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated.

END OF SECTION 06105
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes film-forming water-proof coatings for the following horizontal parapet coping stone surfaces on LRC Building, Merritt College
   1. Concrete coping stone.

B. Related Sections include the following:
   1. Division 7 Section 7511 "Cold process built up roofing"

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.
   1. Include manufacturer's printed statement of VOC content.
   2. Include manufacturer's standard colors.

B. Samples: For each type and color of water repellent and substrate indicated, 12 by 12 inches (300 by 300 mm) in size, with specified water-repellent treatment applied to half of each Sample.

C. Manufacturer Certificates: Signed by manufacturers certifying that water repellents comply with requirements.

D. Qualification Data: For Installer.

E. Warranty: Special warranty specified in this Section.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: An employer of workers trained and approved by manufacturer.

B. Test Application: Apply a finish sample for each type of water repellent and substrate required. Duplicate finish of approved sample.
   1. Locate each test application as directed by owner
   2. Final approval by owner of color and water-proofing application will be from test applications.
C. Preinstallation Conference: Conduct conference at Project site to comply with requirements by owner

1.5 PROJECT CONDITIONS

A. Limitations: Proceed with application only when the following existing and forecasted weather and substrate conditions permit water repellents to be applied according to manufacturers' written instructions and warranty requirements:

1. Ambient temperature is above 40 deg F (4.4 deg C).
2. Rain is not predicted within 24 hours.
3. Application proceeds more than 24 hours after surfaces have been wet.
4. Substrate is not frozen, or surface temperature is above 40 deg F (4.4 deg C).
5. Windy conditions do not exist that may cause water repellent to be blown onto vegetation or surfaces not intended to be treated.

1.6 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer and Applicator agree(s) to repair or replace materials that fail to maintain water repellency

1. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.

2.2 FILM-FORMING WATER REPELLENTS

A. Acrylic, Film-Forming Water Repellent: Pigmented, Fibrated, breathing coating of acrylic polymer emulsion; with the following characteristics.

1. Elastomeric Coating: Tremco Inc.; Wall-Tite F
   a. Solids by weight, 70%, ASTM 2369-93
   b. Elongation, 88%, ASTM 2370-92
   c. Moisture Vapor Transmission, 5.5 perms, ASTM E 96-95
   d. VOC, 41g/L, ASTM D3960-89

2. Colors: As selected by owner from manufacturer's full range.

B. Latex primer, manufacturer’s standard primer for Acrylic Coating material.
PART 3 - EXECUTION

3.1 PREPARATION

A. Protect adjoining work, including sealant bond surfaces, from spillage or blow-over of water repellent. Cover adjoining and nearby surfaces of aluminum and glass if there is the possibility of water repellent being deposited on surfaces. Cover live plants and grass.

B. Coordination with Sealants: Do not apply water proofing until sealants for joints adjacent to surfaces receiving water-repellent treatment have been installed and cured.

1. Water-proofing work may precede sealant application only if sealant adhesion and compatibility have been tested and verified using substrate, water repellent, and sealant materials identical to those used in the work.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 APPLICATION

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect the substrate before application of waterproofing and to instruct Applicator on the product and application method to be used.

B. Apply application of water proofing primer on surfaces indicated for treatment using low-pressure spray equipment. Comply with manufacturer's written instructions for using airless spraying procedure or roller application, unless otherwise indicated. Apply first [1st] coat of fibrated elastomeric coating at manufacturers recommended rate for this application.

C. Apply a second saturation spray coating, repeating first application. Comply with manufacturer's written instructions for limitations on drying time between coats and after rainstorm wetting of surfaces between coats. Consult manufacturer's technical representative if written instructions are not applicable to Project conditions.

3.3 CLEANING

A. Immediately clean water repellent from adjoining surfaces and surfaces soiled or damaged by water-repellent application as work progresses. Repair damage caused by water-repellent application. Comply with manufacturer's written cleaning instructions.

END OF SECTION 07190
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes film-forming water-proof coatings for the following horizontal parapet coping stone surfaces on LRC Building, Merritt College
1. Concrete coping stone.

B. Related Sections include the following:
1. Division 7 Section 7511"Cold process built up roofing"

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.
1. Include manufacturer's printed statement of VOC content.
2. Include manufacturer's standard colors.

B. Samples: For each type and color of water repellent and substrate indicated, 12 by 12 inches (300 by 300 mm) in size, with specified water-repellent treatment applied to half of each Sample.

C. Manufacturer Certificates: Signed by manufacturers certifying that water repellents comply with requirements.

D. Qualification Data: For Installer.

E. Warranty: Special warranty specified in this Section.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: An employer of workers trained and approved by manufacturer.

B. Test Application: Apply a finish sample for each type of water repellent and substrate required. Duplicate finish of approved sample.
1. Locate each test application as directed by owner
2. Final approval by owner of color and water-proofing application will be from test applications.
C. Preinstallation Conference: Conduct conference at Project site to comply with requirements by owner

1.5 PROJECT CONDITIONS

A. Limitations: Proceed with application only when the following existing and forecasted weather and substrate conditions permit water repellents to be applied according to manufacturers' written instructions and warranty requirements:

1. Ambient temperature is above 40 deg F (4.4 deg C).
2. Rain is not predicted within 24 hours.
3. Application proceeds more than 24 hours after surfaces have been wet.
4. Substrate is not frozen, or surface temperature is above 40 deg F (4.4 deg C).
5. Windy conditions do not exist that may cause water repellent to be blown onto vegetation or surfaces not intended to be treated.

1.6 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer and Applicator agree(s) to repair or replace materials that fail to maintain water repellency

1. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.

2.2 FILM-FORMING WATER REPELLENTS

A. Acrylic, Film-Forming Water Repellent: Pigmented, Fibrated, breathing coating of acrylic polymer emulsion; with the following characteristics.

1. Elastomeric Coating: Tremco Inc.; Wall-Tite F
   a. Solids by weight, 70%, ASTM 2369-93
   b. Elongation, 88%, ASTM 2370-92
   c. Moisture Vapor Transmission, 5.5 perms, ASTM E 96-95
   d. VOC, 41g/L, ASTM D3960-89

2. Colors: As selected by owner from manufacturer's full range.

B. Latex primer, manufacturer’s standard primer for Acrylic Coating material.
PART 3 - EXECUTION

3.1 PREPARATION

A. Protect adjoining work, including sealant bond surfaces, from spillage or blow-over of water repellent. Cover adjoining and nearby surfaces of aluminum and glass if there is the possibility of water repellent being deposited on surfaces. Cover live plants and grass.

B. Coordination with Sealants: Do not apply water proofing until sealants for joints adjacent to surfaces receiving water-repellent treatment have been installed and cured.

   1. Water-proofing work may precede sealant application only if sealant adhesion and compatibility have been tested and verified using substrate, water repellent, and sealant materials identical to those used in the work.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 APPLICATION

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect the substrate before application of waterproofing and to instruct Applicator on the product and application method to be used.

B. Apply application of water proofing primer on surfaces indicated for treatment using low-pressure spray equipment. Comply with manufacturer's written instructions for using airless spraying procedure or roller application, unless otherwise indicated. Apply first [1st] coat of fibrated elastomeric coating at manufacturers recommended rate for this application.

C. Apply a second saturation spray coating, repeating first application. Comply with manufacturer's written instructions for limitations on drying time between coats and after rainstorm wetting of surfaces between coats. Consult manufacturer's technical representative if written instructions are not applicable to Project conditions.

3.3 CLEANING

A. Immediately clean water repellent from adjoining surfaces and surfaces soiled or damaged by water-repellent application as work progresses. Repair damage caused by water-repellent application. Comply with manufacturer's written cleaning instructions.

END OF SECTION 07190
SECTION 07620 - SHEET METAL FLASHING

GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following sheet metal flashing for

1. Merritt College: LRC

B. Related Sections include the following:

1. Division 7 Section “Modified Roofing” for installing sheet metal flashing and trim integral with roofing.

1.3 PERFORMANCE REQUIREMENTS

A. General: Install sheet metal flashing to withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failing, rattling, leaking, and fastener disengagement.

B. Fabricate and install flashings capable of resisting the following forces according to recommendations in FMG Loss Prevention Data Sheet 1-49:

C. Thermal Movements: Provide sheet metal flashing and trim that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, hole elongation, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects.

1. Temperature Change (Range) 120 deg, ambient; , material surfaces.

D. Water Infiltration: Provide sheet metal flashing and trim that do not allow water infiltration to building interior.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

B. Shop Drawings: Show layouts of sheet metal flashing and trim, including plans and elevations. Distinguish between shop- and field-assembled work. Include the following:

1. Identify material, thickness, weight, and finish for each item and location in Project.
2. Details for forming sheet metal flashing and trim, including profiles, shapes, seams, and dimensions.
3. Details for fastening, joining, supporting, and anchoring sheet metal flashing and trim, including fasteners, clips, cleats, and attachments to adjoining work.
4. Details of expansion-joint covers, including showing direction of expansion and contraction.

C. Samples for Initial Selection: For each type of sheet metal flashing and trim indicated with factory-applied color finishes.
   1. Include similar Samples of trim and accessories involving color selection.

D. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below:
   1. Sheet Metal Flashing: 12 inches long. Include fasteners, clips, closures, and other attachments.
   2. Trim: 12 inches long. Include fasteners and other exposed accessories.
   3. Accessories: Full-size Sample.

1.5 QUALITY ASSURANCE

A. Sheet Metal Flashing and Trim Standard: Comply with SMACNA's "Architectural Sheet Metal Manual." Conform to dimensions and profiles shown unless more stringent requirements are indicated.

B. Mockups: Build mockups to demonstrate aesthetic effects and set quality standards for fabrication and installation.

C. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Management and Coordination."
   1. Meet with Owner, Architect, Owner's insurer if applicable, Installer, and installers whose work interfaces with or affects sheet metal flashing and trim including installers of roofing materials, roof accessories, unit skylights, and roof-mounted equipment.
   2. Review methods and procedures related to sheet metal flashing and trim.
   3. Examine substrate conditions for compliance with requirements, including flatness and attachment to structural members.
   4. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver sheet metal flashing materials and fabrications undamaged. Protect sheet metal flashing and trim materials and fabrications during transportation and handling.

B. Unload, store, and install sheet metal flashing materials and fabrications in a manner to prevent bending, warping, twisting, and surface damage.
C. Stack materials on platforms or pallets, covered with suitable weathertight and ventilated covering. Do not store sheet metal flashing and trim materials in contact with other materials that might cause staining, denting, or other surface damage.

1.7 COORDINATION

A. Coordinate installation of sheet metal flashing and trim with interfacing and adjoining construction to provide a leakproof, secure, and noncorrosive installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.

2.2 SHEET METALS

A. Galvanized steel Sheet: ASTM A 526, twenty four [24] gauge GSM

1. Finish: Kynar coated

B. Lead Sheet: ASTM B 749, Type L51121, copper-bearing lead sheet.

2.3 UNDERLAYMENT MATERIALS

A. Peel-n-stick Sheet: Self adhering SBS modified bitumen sheet Product meets ASTM D 6163 Type 1 Grade S, by Tremco.

2.4 MISCELLANEOUS MATERIALS

A. General: Provide materials and types of fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation.

B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads.

1. Exposed Fasteners: Heads matching color of sheet metal by means of plastic caps or factory-applied coating.

2. Fasteners for Flashing and Trim: Blind fasteners or self-drilling screws, gasketed, with hex washer head.

C. Solder for Stainless Steel: ASTM B 32, Grade Sn60, with acid flux of type recommended by stainless-steel sheet manufacturer.

D. Solder for Lead: ASTM B 32, Grade Sn50, 50 percent tin and 50 percent lead.

E. Burning Rod for Lead: Same composition as lead sheet.

F. Sealing Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealing tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape.

G. Elastomeric Sealant: ASTM C 920, elastomeric polyurethane polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.

H. Butyl Sealant: ASTM C 1311, single-component, solvent-release butyl rubber sealant, polyisobutylene plasticized, heavy bodied for hooked-type expansion joints with limited movement.

I. Epoxy Seam Sealer: Two-part, noncorrosive, aluminum seam-cementing compound, recommended by aluminum manufacturer for exterior nonmoving joints, including riveted joints.

2.5 FABRICATION, GENERAL

A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated. Shop fabricate items where practicable. Obtain field measurements for accurate fit before shop fabrication.

B. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.

C. Fabricate sheet metal flashing and trim without excessive oil canning, buckling, and tool marks and true to line and levels indicated, with exposed edges folded back to form hems.

   1. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.

D. Sealed Joints: Form nonexpansion but movable joints in metal to accommodate elastomeric sealant to comply with SMACNA recommendations.

E. Expansion Provisions: Where lapped or bayonet-type expansion provisions in the Work cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch (25 mm) deep, filled with elastomeric sealant concealed within joints.

F. Conceal fasteners and expansion provisions where possible on exposed-to-view sheet metal flashing and trim, unless otherwise indicated.

G. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.
1. **Thickness:** As recommended by SMACNA's "Architectural Sheet Metal Manual" for application but not less than thickness of metal being secured.

### 2.6 LOW-SLOPE ROOF SHEET METAL FABRICATIONS

**A. Coping:** Fabricate from the following material:
   1. **Galvanized Steel:** ASTM A 526 <minimum twenty four [24] gauge> thick.

**B. Counterflashing/skirt:** Fabricate from the following material:
   1. **Galvanized Steel:** ASTM A 526 <minimum twenty four [24] gauge> thick.

**C. Roof-Penetration Flashing / drains/vents:** Fabricate from the following material:
   1. **Lead:** 4 lb / sq ft, hard tempered.

### 2.7 FINISHES

**A.** Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

**B.** Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

**C.** Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

**A.** Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions and other conditions affecting performance of work.

1. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.
2. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 3.2 INSTALLATION, GENERAL

**A.** General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement. Use fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
1. Torch cutting of sheet metal flashing and trim is not permitted.

B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by fabricator or manufacturers of dissimilar metals.

1. Adhere TF flashing tape to sheet metal flashing and trim where flashing and trim will contact wood, ferrous metal, or cementitious construction.
2. Underlayment: Where installing metal flashing directly on cementitious or wood substrates, install a course of peel-n-stick and extend down face of wall a minimum of six [6] inches.

C. Install exposed sheet metal flashing and trim without excessive oil canning, buckling, and tool marks.

D. Install sheet metal flashing and trim true to line and levels indicated. Provide uniform, neat seams with minimum exposure of solder, welds, and butyl sealant.

E. Install sheet metal flashing and trim to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.

F. Fasteners: Use fasteners of sizes that will penetrate substrate not less than 1 ¼ inches for nails and not less than 3/4 inch for wood screws with washers.

1. Galvanized or Prepainted, Metallic-Coated Steel: Use stainless-steel fasteners.
2. Aluminum: Use aluminum or stainless-steel fasteners.
3. Copper: Use copper or stainless-steel fasteners.

G. Seal joints with butyl sealant as required for watertight construction.

1. Where sealant-filled joints are used, embed hooked flanges of joint members not less than 1 inch into sealant. Form joints to completely conceal sealant. When ambient temperature at time of installation is moderate, between 40 and 70 degrees, set joint members for 50 percent movement either way. Adjust setting proportionately for installation at higher ambient temperatures. Do not install sealant-type joints at temperatures below 40 degrees.
2. Prepare joints and apply sealants to comply with requirements in Division 7 Section "Joint Sealants."

H. Soldered Joints: Clean surfaces to be soldered, removing oils and foreign matter. Pretin edges of sheets to be soldered to a width of 1 ½ inches except where pretinned surface would show in finished Work.

1. Pretinning is not required for lead.
2. Stainless-Steel Soldering: Pretin edges of uncoated sheets to be soldered using solder recommended for stainless steel and phosphoric acid flux. Promptly wash off acid flux residue from metal after soldering.
3. Where surfaces to be soldered are lead coated, do not tin edges, but wire brush lead coating before soldering.
4. Lead-Coated Copper Soldering: Wire brush edges of sheets before soldering.
5. Do not use open-flame torches for soldering. Heat surfaces to receive solder and flow solder into joints. Fill joints completely. Completely remove flux and spatter from exposed surfaces.

3.3 ROOF FLASHING INSTALLATION

A. General: Install sheet metal roof flashing and trim to comply with performance requirements and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, set units true to line, and level as indicated. Install work with laps, joints, and seams that will be permanently watertight.

B. Pipe Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for butyl sealant, extending a minimum of 4 inches over base flashing. Install stainless-steel draw band and tighten.

C. Counterflashing: Coordinate installation of counterflashing with installation of base flashing. Insert counterflashing in reglets or receivers and fit tightly to base flashing. Extend counterflashing 4 inches over base flashing. Lap counterflashing joints a minimum of 4 inches and bed with butyl sealant.

D. Roof-Penetration Flashing: Coordinate installation of roof-penetration flashing with installation of roofing and other items penetrating roof. Install flashing as follows:
   1. Turn lead flashing down inside vent piping, being careful not to block vent piping with flashing.
   2. Seal with elastomeric sealant and clamp flashing to pipes penetrating roof except for lead flashing on vent piping.

E. Counterflashing @ building walls: Fabricate, furnish and install [n] twenty four [24] gauge GSM. Metal shall have a minimum three [3] inch face with a kick and a hem. Fabricate top of metal flashing to lock in to existing reglet flashing.


G. Sleepers: Leave [e] metal cap and baseflashing in place. Neatly trim baseflashing sheet, leave as much re-usable flashing sheet as possible.

H. Support legs: Furnish and install new 4lb flash flashing at support legs. Soder lead to seal.


3.4 CLEANING AND PROTECTION

A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.

B. Clean and neutralize flux materials. Clean off excess solder and sealants.

C. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed. On completion of installation, clean finished surfaces, including removing unused fasteners, metal filings, pop rivet stems, and pieces of flashing. Maintain in a clean condition during construction.

D. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 07620