



Solana Beach School District

Solana Beach School District – Solana Santa Fe Roofing Project

Bid Number # 20-0302

Publication Date: MARCH 9, 2020

Bid Due Date: 4/8/2020

DOCUMENT 00010

TABLE OF CONTENTS

DOCUMENT 00020: NOTICE TO CONTRACTORS CALLING FOR BIDS 2

DOCUMENT 00100: INFORMATION FOR BIDDERS 4

DOCUMENT 00200: CONTRACTOR'S CERTIFICATE REGARDING WORKERS'
COMPENSATION 12

DOCUMENT 00300: BID FORM 13

DOCUMENT 00410: BID BOND 17

DOCUMENT 00430: DESIGNATION OF SUBCONTRACTORS 18

ASBESTOS-FREE MATERIALS CERTIFICATION 20

DOCUMENT 00480: NON-COLLUSION AFFIDAVIT 21

INFORMATION REQUIRED OF BIDDERS 22

DOCUMENT 00500: CONTRACT 25

DOCUMENT 00600: PERFORMANCE BOND 29

RECYCLED CONTENT CERTIFICATION 30

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS 31

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS 32

DRUG-FREE WORKPLACE CERTIFICATION 33

DOCUMENT 00700: GENERAL CONDITIONS 35

DOCUMENT 00800: SPECIAL CONDITIONS 74

DOCUMENT 00810: SUPPLEMENTAL GENERAL CONDITIONS 76

DOCUMENT 00020: NOTICE TO CONTRACTORS CALLING FOR BIDS

NOTICE TO CONTRACTORS CALLING FOR BIDS

NOTICE IS HEREBY GIVEN that Solana Beach School District of San Diego County, California, acting by and through its Governing Board, hereinafter referred to as the Owner, will receive up to, but no later than 2:00 pm on the sixth (8) day of April, 2020 separate sealed bids for the award of a contract for installation of the below listed Project:

Solana Beach School District - Solana Santa Fe Roofing Project

License Required: C-39

Sealed bids shall be addressed to, and shall be received at the office of the Owner at:

Solana Beach School District Office
309 North Rios Avenue
Solana Beach, CA 92075

and shall be opened publicly and read aloud at the above stated time and place.

Each bid must conform and be responsive to the contract documents. Copies of the CONTRACT DOCUMENTS will be posted on or before March 9, 2020 on the District web page (www.sbsd.net).

MANDATORY PRE-BID "WALK" is scheduled for Wednesday, March 18, 2020 at 7:30 am at 6570 El Apajo, Rancho Santa Fe, CA 92067. The purpose of walk-throughs are for bidders to have an opportunity to familiarize themselves with the existing conditions. No interpretations or clarifications of contract documents will be made at this time. The bid documents require all bidders familiarize themselves with the project requirements prior to bidding.

Each bid shall be accompanied by the security referred to in the contract documents, the non-collusion affidavit, the list of proposed subcontractors, and all additional documentation required by the Instructions to Bidders.

In contracts involving an expenditure in excess of \$25,000, the successful bidder shall file a payment bond issued by an admitted Surety approved to conduct business in the State of California approved by the Owner in the form set forth in the contract documents*.

The Owner reserves the right to reject any or all bids or to waive any irregularities or informalities in any bids or in the bidding.

The Director of Industrial Relations has determined the general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute the contracts which will be awarded to the successful bidders. This information can be found on the Department of Industrial Relations website at www.dir.ca.gov. It shall be mandatory upon the Contractors to whom the contracts are awarded, and upon any subcontractor under them, to pay not less than the said specified rates to all workers employed by them in the execution of the contracts.

LABOR COMPLIANCE NOTICE: Solana Beach School District has initiated and will enforce a Labor Compliance Program ("LCP") pursuant to Labor Code section 1771.5(b).

Each Bidder and each of his Subcontractors shall be a licensed contractor pursuant to the Business and Professions Code and shall be licensed in the appropriate classification for the work to be performed. Failure to possess the specified license or licenses at the time of award of the bid shall render the bid non-responsive.

* A payment bond must be filed for a contract involving expenditures in excess of \$25,000 (Civil Code section 3247(a)) and may be required for contracts involving smaller expenditures at the option of the Owner.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

No bidder shall withdraw his bid for a period of sixty (60) days after the date set for the opening of bids.

Dated this 9th of March 2020

Gaylin Allbaugh
Clerk of the Governing Board
Solana Beach School District
District of San Diego County, California

Publication: North County Times and Quality Bidders
Date: March 9, 2020
March 16, 2020

DOCUMENT 00100: INFORMATION FOR BIDDERS

1. Preparation of Bid Form

The District invites bids on the attached form to be submitted at such time and place as is stated in the Notice to Contractors Calling for Bids. All blanks in the bid form must be appropriately filled in. All bids must be submitted in sealed envelopes bearing on the outside the name of the bidder, his address, and the name of the Project for which the bid is submitted. All prices must be stated in both words and figures where so indicated, and where there is a conflict in the words and figures, the words shall govern. Prices, wording and notations must be in ink or typewritten. Erasures or other changes shall be noted over by signature of the bidder. It is the sole responsibility of the bidder to see that his bid is received in proper time. All bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

2. Bid Security

Each bid shall be accompanied by: (a) cash; (b) a certified check made payable to the District; (c) a cashier's check made payable to the District; or (d) a satisfactory bid bond payable to the District executed by the bidder as principal and an admitted surety approved to conduct business in the State of California as surety, in an amount not less than 10% of the maximum amount of the bid. Personal sureties and unregistered surety companies are unacceptable. The California admitted surety insurer, as defined in California Code of Civil Procedure Section 995.120, shall be a satisfactory corporate surety. The cash, check or bid bond shall be given as a guarantee that the bidder shall execute the Contract if it be awarded to the bidder in conformity with the Contract Documents and shall provide the surety bond or bonds as specified therein within five (5) consecutive calendar days after notification of the award of the Contract to the bidder (which date shall be the day following the Board of Education approval of the award).

In the event the bidder to whom the Notice of Intent to Award Contract is given fails or refuses to post the required bonds, as provided in Section 9 below, and return executed copies of the Contract within three (3) consecutive calendar days from the date of Award of Contract (which date shall be the day following the Board of Education approval of the award), the District may declare the bidder's bid deposit or bond forfeited as damages caused by the failure of the bidder to post the required bonds and execute such copies of the Contract, and may award the Contract to the next lowest responsible bidder, or may call for new bids.

3. Faxed and Electronic Mail Bids

All bids must be under sealed cover. The District will not accept any bids or bid modifications submitted by facsimile or electronic mail transmission.

4. Signature

The bid must be signed in the name of the bidder and must bear the signature in longhand of the person or persons duly authorized to sign the bid on behalf of the bidder. All signatures are to be in ink. In the event that the bidder is a joint venture or partnership, there shall be submitted with the bid certifications signed by authorized officers of each of the parties to the joint venture or partnership, naming the individual who shall be the agent of the joint venture or partnership, who shall sign all necessary documents for the joint venture or partnership and who, should the joint venture or partnership be the successful bidder, shall act in all matters relative to the Contract resulting therefrom for the joint venture or partnership.

5. Modifications

Changes in or additions to the bid form, recapitulations of the work bid upon, alternative proposals, or any other modification of the bid form that is not specifically called for in the

Contract Documents may result in the District's rejection of the bid as not being responsive to the invitation to bid. No oral or telephonic modification of any bid submitted will be considered and a telegraphic modification may be considered only if the postmark evidences that a confirmation of the telegram duly signed by the bidder was placed in the mail prior to the opening of bids. Bids may be rejected if they show any alteration in form, are incomplete, or contain irregularities of any kind.

6. Erasures/Mutilation of Bid Documents

The bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the bid.

Bidders should not deface or mutilate the bid documents to the extent that they may not be usable for construction purposes.

7. Examination of Site and Contract Documents

At its own expense and prior to submitting its bid, each bidder shall visit the site of the proposed work and fully acquaint himself with the conditions relating to the construction and labor so that the bidder may fully understand the facilities, which include but are not limited to difficulties, and restrictions attending the execution of the work under the Contract. Bidders shall thoroughly examine and be familiar with the drawings and specifications. Each bidder shall also determine the local conditions which may, in any way affect the performance of the work, including the prevailing wages and other relevant cost factors; familiarize itself with all federal, state and local laws, ordinances, rules, regulations and codes affecting the performance of the work, including the cost of permits and licenses required for the work; make such surveys and investigations, including investigations of subsurface or latent physical conditions at the site or where work is to be performed. The failure or omission of any bidder to receive or examine any Contract Documents, form, instrument, addendum, or other document or to visit the site and acquaint himself with conditions there existing shall in no way relieve any bidder from any obligation with respect to their bid or to the Contract. The submission of a bid shall be taken as incontrovertible evidence of compliance with this section.

8. Withdrawal of Bids/Bid Protests

Any bidder may withdraw his bid either personally, by written request, or by telegraphic request confirmed in the manner specified above at any time prior to the scheduled closing time for receipt of bids. Any request to withdraw a bid shall be so worded so as not to reveal the amount of the original bid. Withdrawn bids may be resubmitted until the scheduled time for receipt of bids, so long as the resubmitted bids are in full conformance with the Contract Documents. After the scheduled closing time for receipt of bids, a bidder may not withdraw its bid until the expiration of sixty (60) calendar days, after which time a bid may be withdrawn only in writing and in advance of actual award of the Contract. Any bid protests must comply with, and be filed in accordance with, the District's Bid Protest procedures, on file at the District's Purchasing Department Office.

9. Contracts and Bonds

The Contract form which the successful bidder, as Contractor, will be required to execute, and the form of the Performance Bond equal to 100% of the successful bid, which the bidder will be required to furnish at the time of execution of the Contract, are included in the Contract Documents and should be carefully examined by the bidder. The required number of executed copies of the Contract and the Performance Bond is as specified in the Special Conditions. The Performance Bond must be executed by an admitted Surety approved to conduct business in the State of California, pursuant to California Code of Civil Procedure Section 995.120. In addition, to the extent required by law, the Payment and Performance Bonds must be

accompanied by a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California, a certificate from the Clerk of the County of San Diego that the certificate of authority of the insurer has not been surrendered, revoked, cancelled, annulled, or suspended, or if it has that it has been renewed, and four copies of the insurer's most recent annual statement and quarterly statement filed with the Department of Insurance of the State of California.

10. Interpretation of Plans and Documents

If any person contemplating submitting a bid for the proposed Contract is in doubt as to the true meaning of any part of the drawings, specifications, or other Contract Documents, or finds discrepancies in, or omissions from the drawings and specifications, that person shall submit to the Owner a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the Contract Documents will be made only by addendum duly issued. Any addenda or bulletins issued by the Owner during the time of bidding or forming a part of the documents furnished to bidders for bid preparation shall be covered in the bid and made part of the Contract Documents. In the event that an addendum or bulletin, setting forth material changes, additions or deletions is issued when there is 72 hours or less to the bid deadline, the District will extend the bidding deadline by at least 72 hours. No person is authorized to make any oral interpretation of any provision in the Contract Documents to any bidder, and no bidder is authorized to rely on any such unauthorized oral interpretation.

11. 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 for the same work 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 making a prime proposal.

12. Non-Collusion Affidavit

Bidders on all public works contracts are required to submit an affidavit of Non-Collusion with their bid. This form is included with the bid package and must be signed under the penalty of perjury and dated.

13. Reservation

The District reserves the right to reject any or all bids, or to waive any irregularities or informalities in any bids or in the bidding.

14. Award of Contract

The award of the Contract, if made by the District, will be to the lowest responsible bidder therefore whose bid complies with all of the prescribed requirements. If alternate bids are called for, the Contract may be awarded at the election of the governing board to the lowest responsible bidder on the base bid, or on the base bid and any alternate or combination of alternates, as specifically established in the Notice to Contractors Calling for Bids.

15. Evidence of Responsibility

If bidders were not required to pre-qualify prior to being allowed to bid on the Project, the following information will be required to accompany bids submitted to the District:

Each bid shall be supported by a statement of the bidder's experience as of recent date on the form entitled "INFORMATION REQUIRED OF BIDDER," bound herein. District may also consider the qualifications and experience of subcontractors and other persons and organizations (including those who are to furnish the principal items of material and

equipment) proposed for those portions of the work. Operating costs, maintenance considerations, performance data and guarantees of materials and equipment may also be considered by the District. In this regard, the District may conduct such investigations as the District deems necessary to assist in the evaluation of any bid and to establish the responsibility, qualifications and financial ability of the bidder, proposed subcontractors, and other persons and organizations to do the work in accordance with the Contract Documents to the District's satisfaction within the prescribed time; the District reserves the right to reject the bid of any bidder who does not pass any such evaluation to the satisfaction of the District.

16. Listing Subcontractors

Each bidder shall set forth on the form provided herein, and submit with its sealed bid at the time bids are due the name and address of the place of business of each subcontractor who will perform work, labor, furnish materials, or render service to the bidder on said Contract in excess of one-half (1/2) of one percent (1%) of the total bid. **Bidders are required to submit the phone number, license number, license expiration date, and DIR number of each subcontractor listed in its bid within twenty-four (24) hours of bid opening.** No time extension will be allowed for submission of additional information required by this section.

17. Workers' Compensation

In accordance with the provisions of section 3700 of the Labor Code, Contractor shall secure the payment of compensation to his employees. Contractor shall sign and file with the District the following certificate prior to performing the work under this 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.

The form of such certificate, Contractors Certificate Regarding Workers Compensation, is included as part of the Contract Documents.

18. Substitution of Security

The Contract Documents call for monthly progress payments based upon the percentage of the work completed. The District will retain ten percent (10%) of each progress payment as security for completion of the work. At the request and expense of the successful bidder, the District will substitute securities for the amount so retained in accordance with Public Contract Code section 22300 and the Contract Documents.

19. Prevailing Wage

The Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute the Contract. Bidders are advised that a copy of these rates must be posted at each job site.

Pursuant to Labor Code section 1771.7, the District has implemented and shall enforce a Labor Compliance Program (LCP) for this Project. The successful bidder shall be required to comply with all the requirements of applicable provisions of the California Labor Code. The bidders shall include all costs of compliance with specified requirements in the contract amount.

The successful bidders shall be responsible for complying with the provisions of the District's LCP, including the standard provisions requiring payment of prevailing wages, maintenance and submission of certified payroll at close of project. The

successful bidders shall work with the District's staff and consultants to ensure the full compliance with applicable labor law.

20. Debarment of Contractors and Subcontractors

In accordance with the provisions of the California Labor Code, Contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Section 1777.1 or Section 1777.7 of the California Labor Code. Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid, or may have been paid to a debarred subcontractor by a contract on the Project shall be returned to the District. The successful bidder, as Contractor, shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

21. Contractor's License

To perform the work required for this Project, bidders must possess the appropriate Contractor's License for the portion of the work bid upon, and bidders must maintain the license throughout the duration of the Contract. If, at the time the bids are opened, bidder is not licensed to perform the Project in accordance with division 3, chapter 9 of the Business and Professions Code of the State of California and the Notice to Contractors Calling for Bids, the bid will not be considered.

Provided, however, that in all contracts where federal funds are involved, no bid submitted shall be invalidated by the failure of the bidder to be licensed in accordance with the laws of California. The first payment for work or material under any contract shall not be made unless and until the Registrar of Contractors verifies to the District that the records of the Contractor's State License Board indicate that the Contractor was properly licensed at the time the contract was awarded. Any bidder or contractor not so licensed shall be subject to all legal penalties imposed by law, including, but not limited to, any appropriate disciplinary action by the Contractor's State License Board. Failure of the bidder to obtain proper and adequate licensing for an award of a contract shall constitute a failure to execute the contract and shall result in the forfeiture of the security by the bidder.

22. Bid Deposit Return

The District will return the security accompanying the bids of all unsuccessful bidders no later than thirty (30) calendar days after award of the Contract.

23. Insurance

Prior to commencement of the work, the successful bidder shall purchase and maintain insurance as set forth in the General Conditions, in the amounts specified in the Special Conditions to these Contract Documents, and in a form acceptable to the District, from a company or companies lawfully authorized to do business in California as admitted carriers having an "A" policy holders rating and a financial size rating of at least Class VIII in accordance with the most current Best's Key Rating Guide, Property-Casualty. Such insurance shall be adequate to protect themselves from claims under Workers' Compensation Acts, and from claims from damages for personal injury, including death, and damage to property, which may arise from operations under the Contract and from the ownership, maintenance or uses of motor vehicles, or claims involving blanket contractual liability applicable to the successful bidder's obligations under the Contract Documents, and completed operations, independent contractors, and Broad Form Property damage, without exclusion for collapse, explosion, demolition, underground coverage, and excavating. The successful bidder shall be required to file with the District certificates of such insurance, and shall name, by way of endorsement on

any policy of insurance, the District as additional insureds. Failure to furnish such evidence of insurance may be considered default by the successful bidder.

District reserves the right pursuant to Government Code Section 4420.5 to use an owner controlled insurance program.

24. Request For Substitutions

- a. For purposes of this provision the term "substitution" shall mean the substitution of any material, process or article that is substantially equal or better in every respect to that so indicated or specified in the specifications.
- b. Whenever in specifications any material, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such specifications shall be deemed to be used for the purpose of facilitating the description of the material, process or article desired and shall be deemed to be followed by words "or equal." Bidders may, unless otherwise stated, offer for substitution any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified. If any material, process or article offered for substitution by bidders is not, in the opinion of the Owner, substantially equal or better in every respect to that specified, bidders shall furnish the material, process or article specified. The burden of proof as to the equality of any material, process or article shall rest with the bidders. In addition, pursuant to the provisions of Public Contract Code section 3400 (b), the District has made findings that some particular materials, products, things or services, that are designated by specific brand or trade name are required in order to match other products in use. Such Materials, products, things or services are listed in the Special Conditions.
- c. Bidders shall submit requests together with substantiating data for substitution of any "or equal" material, process or article no later than ten (10) calendar days prior to the bid opening. Provisions authorizing submission of "or equal" substitution justification data shall not in any way authorize an extension of time for performance of this Contract. Furthermore, if a proposed "or equal" substitution request is rejected, a bidder shall be responsible for including the specified material, process or article in its bid. The District shall not be responsible for any costs of bidders associated with "or equal" substitution requests. The District has the complete and sole discretion to determine if a material, process or article is an "or equal" material, process or article that may be substituted.
- d. For purposes of subdivision (c) above, data required to substantiate requests for substitutions of an "or equal" material, process or article data shall include a signed affidavit from the bidder stating that the substituted "or equal" material, process or article is equivalent to that specified in the specification in every way except as listed on the affidavit. Substantiating data shall also include any and all illustrations, specifications, and other relevant data including catalogue information which describes the requested substituted "or equal" material, process or article and substantiates that it is an "or equal" to the material process or article specified. In addition, the submittal documentation must also include a statement of the cost implications of the substitution being requested stating whether and why the substitution of the "or equal" material, process or article will reduce or increase the Contract Price. The substantiating data must also include information regarding the durability and lifecycle cost of the requested substituted "or equal" material, process or article. Failure to submit all the needed substantiating data, including the signed affidavit, to the Owner in a timely fashion so that the substitution can be adequately reviewed may result in the rejection of the proposed substitution. The Owner is not obligated to review multiple substitution submittals for the same product or item due to the bidder's failure to submit a complete package initially.
- e. Time limitations in this Article must be complied with strictly and in no case will an extension of time for completion be granted because of bidder's failure to request the substitution of an

alternative item at the times and manner set forth herein in subdivision (c). Further, the bidder shall bear the costs of all engineering work associated with the review of submittals for substitution of equals.

- f. In event Contractor furnishes material, process, or article more expensive than that specified, the difference in cost of such material, process, or article so furnished shall be borne by Contractor.

25. Anti-Discrimination

It is the policy of the District that in connection with all work performed under contracts, there be no discrimination against any prospective or active employees engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age or marital status. The successful bidder agrees to comply with applicable Federal and California laws including, but not limited to, the California Fair Employment Practice Act, beginning with process or article. Failure to submit all the needed substantiating data, including the signed affidavit, to the Owner in a timely fashion so that the substitution can be adequately reviewed may result in the rejection of the proposed substitution. The Owner is not obligated to review multiple substitution submittals for the same product or item due to the bidder's failure to submit a complete package initially.

- e. Time limitations in this Article must be complied with strictly and in no case will an extension of time for completion be granted because of bidder's failure to request the substitution of an alternative item at the times and manner set forth herein in subdivision (c). Further, the bidder shall bear the costs of all engineering work associated with the review of submittals for substitution of equals.
- f. In event Contractor furnishes material, process, or article more expensive than that specified, the difference in cost of such material, process, or article so furnished shall be borne by Contractor.

25. Anti-Discrimination

It is the policy of the District that in connection with all work performed under contracts, there be no discrimination against any prospective or active employees engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age or marital status. The successful bidder agrees to comply with applicable Federal and California laws including, but not limited to, the California Fair Employment Practice Act, beginning with Government Code 12900, and Labor Code 1735. In addition, the successful bidder agrees to require like compliance by any subcontractors employed on the work by him.

26. Mandatory Pre-Bid Meeting

Mandatory pre-bid meeting have been scheduled for:
Wednesday, March 18, 2020 at 7:30am to review the Project scope, bid requirements, and the Project's existing conditions. The pre-bid meetings are held at 6570 El Apajo, Rancho Santa Fe, CA 92067 Failure to attend or participate in the entire pre-bid walk will result in a bidder's bid to be non-responsive.

27. No Telephone Availability

Bidders are advised that on bid date telephones WILL NOT be available at the District Administrative Offices for use by bidders or their representatives.

28. Required Certifications

Bidders, for all projects involving state funds, are required to submit the "Asbestos-Free Materials Certification." This form is included with the bid package and must be signed under

the penalty of perjury and dated. The successful bidder shall also execute, under the penalty of perjury and dated, the "Recycled Content Certification" and the "Drug-Free Workplace Certification" included in this package. Further, by law it is the District's responsibility to determine whether a contractor must provide fingerprint certification. Pursuant to Education Code section 45125.2, the District considers the totality of the circumstances in order to determine if fingerprinting of employees of a contractor working on a school site is required. Factors to be considered include the length of time the contractor's employees are on school grounds, whether students are in proximity with the location where the contractor's employees are working, and whether the contractor's employees are working alone or with others. **A determination regarding whether fingerprint certification is required is contained in the Special Conditions.** These forms are included with the bid package and must be signed under the penalty of perjury and dated.

29. Ethics in Bidding

The District expects the bidders to maintain high ethical standards in engaging in the competitive bidding process. The bid amount of one bidder should not be divulged to another before the award of the subcontract or order, nor should it be used by bidders to secure a lower proposal from another bidder on that project (bid shopping). Subcontractors or Suppliers should not request information for the bidder regarding any sub-bid in order to submit a lower proposal on that project (bid peddling). The District will consider any bidder found to be engaging in such practices to be a non-responsible bidder and may reject its bid on that ground.

30. Public Works Contractor Registration Program

- a. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].
- b. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.
- c. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

31. Contract Procedures

- a. The Contract Documents contemplate the following procedures upon receipt of bid and the District obtaining an appropriation from the State Allocation Board (SAB) (when required):
 - 1) The District will give the successful bidder a notice of award of Contract. The District will be bound to enter into the Contract if the SAB apportions funds for the Project, provided that the Project is not placed on the SAB "unfunded list," and the successful bidder does all acts described in subparagraph (2) below.
 - 2) Following the giving of the notice of award of Contract, the successful bidder shall post the Performance Bond, provide certificates of insurance, and other certificates, and return executed copies of bonds and Contracts.]

END OF DOCUMENT

DOCUMENT 00200: CONTRACTOR'S 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) By 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.

Contractor

By _____
Signature

Title _____

(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.)

DOCUMENT 00300: BID FORM

Company

TO: Solana Beach School District, acting by and through its Board of Education, herein called the "District":

1. Pursuant to and in compliance with your Notice to Contractors Calling for Bids and the other documents relating thereto, the undersigned bidder, having thoroughly examined and familiarized himself with the terms of the Contract, the local conditions affecting the performance of the Contract and the cost of the work at the place where the work is to be done, and with the drawings and specifications and other Contract Documents, hereby proposes and agrees to perform, within the time stipulated, the Contract, including all of its component parts, and everything required to be performed, including its acceptance by the District and to provide and furnish any and all of the labor, materials, tools, expendable equipment, and all utility and transportation services necessary to perform the Contract and complete in a workmanlike manner all of the work required in connection with the Project described below:

Solana Beach School District – Solana Santa Fe Roofing Project

BID NUMBER: 20-0302

all in strict conformity with the drawings and specifications and other Contract Documents, including addenda nos. ____, ____, ____, and ____, on file at the office of the said District, for the total **Base Bid** sum of (in words) _____
(\$ _____) _____ Dollars
(\$ _____). Said sum includes all applicable taxes and costs.

Unit Prices in Accordance with Specification Section 01 2200

The Unit Prices Listed shall be in effect from the Contract Date through June 30, 2024

Item No	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
01					
02					
03					
04					
05					
06					
07					
08					
09					

10					
11					
12					
13					
14					
15					
16					
17					
Total of all Unit Bid Prices					

Bidder acknowledges that Unit Price quantities indicated are for bidding and contract purposes only. Quantities and measurements of actual work will determine the payment amount.

Note: For evaluation purposes, the low bid will be determined by the sum of the Base Bid plus all Unit Prices.

2. It is understood that the District reserves the right to reject this bid and that this bid shall remain open and not be withdrawn for the period specified in the Notice to Contractors Calling for Bids.
3. Attached is the required bid security in the amount of not less than 10% of the Bid: \$_____. Bid bond, certified check, cashier's check or cash (circle one).
4. Non-collusion affidavit is attached hereto.
5. The required list of proposed subcontractors is attached hereto.
6. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a contract in the form attached hereto in accordance with the bid as accepted. The undersigned will submit the executed Contract, Performance Bond and Payment Bond for Public Works, and Insurance Certificates as specified, all within ten (10) consecutive calendar days after Award of Contract (which date shall be the day following the Board of Education approval of the award). The work under the Contract shall be commenced by the undersigned bidder, if awarded the contract, on the date to be stated in the District's Notice to the Contractor to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents. The Contractor shall not start work on the Project until all paperwork required herein is timely and correctly submitted to the District. No time extensions shall be granted to Contractor for Contractor's failure to comply with these provisions.
7. Notice of acceptance or requests for additional information should be addressed to the undersigned at the address stated below:

8. The names of all persons interested in the foregoing proposal as principals are as follows:

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual copartners comprising the firm; if bidder or other interested person is an individual, state first and last names in full.)

9. Bidder certifies that he is licensed in accordance with the law providing for the registration of Contractors, License No. , Expiration Date , class of license . If the bidder is a joint venture, each member of the joint venture must include the above information.

10. Pursuant to Section 7103.5 of the Public Contract Code submitting a bid to the District, the bidder offers and agrees that if the bid is accepted, it will assign to District all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

Proper Name of Bidder

Address

Signature of Bidder *Date*

Note: If bidder is a corporation or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, the bidder's signature shall be placed above. If bidder is a corporation, affix corporation seal.

I, _____, the _____ of the bidder, hereby certify under penalty of perjury under the laws of the State of California, that all of the information submitted by the bidder in connection with this bid and all of the representations made herein are true and correct. Executed on this _____ day of _____, at _____ County, California.

Proper Name of Bidder _____

By _____

Signature of Bidder _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signatures of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his or her signature shall be placed above.

Business Address: _____

Place of Residence: _____

Telephone: () _____

Bidder must submit the following documents with this Bid Form in order to be considered responsive:

- Contractor's Certification Regarding Workers' Compensation
- Bid Bond
- Designation of Subcontractors
- Information Required of Bidders
- Asbestos-Free Materials Certification
- Non-Collusion Affidavit

END OF DOCUMENT

DOCUMENT 00410: BID BOND

KNOW ALL MEN BY THESE PRESENTS: THAT we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the Solana Beach School District, hereinafter called the District, in the penal sum of _____ PERCENT (_____ %) 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 these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying bid dated 2020, 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) days after said opening; and, if the Principal be awarded the contract, and shall within the period specified therefore, or if no period be specified, within ten (10) consecutive calendar days after the Award of Contract (which date shall be the day following the Board of Education approval of the award) complete the prescribed forms are presented to him for signature enter into a written contract with the District in accordance with the bid as accepted and 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 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 the District the difference between the amount specified in said bid and the amount for which the 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 the 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 terms of the contract on the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in anywise 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 a lawsuit is brought upon this bond by the District and judgment is recovered, the surety shall pay all litigation expenses incurred by the District in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this ____ day of 2020, the name and corporate seal of each corporate party being hereto affixed and these presents duly assigned by its undersigned representative, pursuant to authority of Its governing body.

(Corporate Seal)

Principal
By _____
Title _____

(Corporate Seal)

Surety
By _____
Attorney-in-Fact

(Attach Attorney-in-Fact Certificate)

Title _____

DOCUMENT 00430: DESIGNATION OF SUBCONTRACTORS

In compliance with the Subletting and Subcontracting Fair Practices Act (chapter 4 (commencing at section 4100), part 1, division 2 of the Public Contract Code of the State of California) and any amendments thereof, each bidder shall set forth below: (a) the name and the location of the place of business and (b) the portion of the work which will be done by each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement to be performed under this Contract or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications in an amount in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid or ten thousand dollars(\$10,000), whichever is greater. The prime contractor shall list only one subcontractor for each such portion as is defined by the prime contractor in this bid. **Bidders are required to submit the phone number, license number, license expiration date, and DIR number of each subcontractor listed in its bid with in twenty-four (24) hours of bid opening.** No time extension will be allowed for submission of information required by this document.

If a prime contractor fails to specify a subcontractor or if a prime contractor specifies more than one subcontractor for the same portion of work to be performed under the Contract in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid, or ten thousand dollars(\$10,000), whichever is greater, he shall be deemed to have agreed that he is fully qualified to perform that portion himself, and that he shall perform that portion himself.

No prime contractor whose bid is accepted shall (a) substitute any subcontractor, (b) permit any subcontract to be voluntarily assigned or transferred or allow it to be performed by any one other than the original subcontractor listed in the original bid, or (c) sublet or subcontract any portion of the work in excess of one-half of one percent of the prime contractor's total bid as to which his original bid did not designate a subcontractor, except as authorized in the Subletting and Subcontracting Fair Practices Act. Subletting or subcontracting of any portion of the work in excess of one-half of one percent of the prime contractor's total bid as to which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a finding reduced to writing as a public record of the authority awarding this Contract setting forth the facts constituting the emergency or necessity.

Portion of Work	Subcontractor	Location of Business	Phone Number	License No. and Exp. Date	DIR #

ASBESTOS-FREE MATERIALS CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for the

Solana Beach School District – Solana Santa Fe Roofing Project

(hereinafter referred to as the “Project”), and submitted it to the Solana Beach School District (hereinafter referred to as the “District”) on behalf of _____(hereinafter referred to as the “Contractor”).

To the best of my knowledge, information and belief, in completing the Contractor’s Work for the Project, no material furnished, installed or incorporated into the Project will contain, or in itself be composed of, any materials listed by the federal or state EPA or federal or state health agencies as a hazardous material.

Any disputes involving the question of whether or not material installed with asbestos-containing equipment is settled by electron microscopy; the cost of any such tests shall be paid by the Contractor.

All work or materials installed by the Contractor which is found to contain asbestos, or work or material installed with asbestos-containing equipment, will be immediately rejected and this work shall be removed and replaced by the Contractor at no additional cost to the District.

Decontamination and removal of work found to contain asbestos or work installed with asbestos-containing equipment shall be done only under supervision of a qualified consultant, knowledgeable in the field of asbestos abatement and accredited by the Environmental Protection Agency.

The ASBESTOS REMOVAL CONTRACTOR shall be an EPA accredited contractor qualified in the removal of asbestos and shall be chosen and approved by the Asbestos Consultant who shall have sole discretion and final determination in this matter.

The asbestos consultant shall be chosen and approved by the District who shall have sole discretion and final determination in this matter.

The work will be not accepted until asbestos contamination is reduced to levels deemed acceptable by the Asbestos Consultant.

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

Executed on this . day of , 20____at _____.

Name of Contractor (Print or Type)

By _____
Contractor

Print Name

Signature of

Print Title

Subscribed and sworn before me this _____ day of _____, 20 ____

Notary Public in and for said County and State

My Commission Expires: _____

DOCUMENT 00480: NON-COLLUSION AFFIDAVIT
(To be executed by Bidder and submitted with bid)

State of California)
) ss.
County of _____)

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

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

Executed this _____ day of _____, 20_ at _____ California.

Signature of Bidder _____

Print Name and Title _____

Subscribed and sworn to before me this _____ day of _____, 20_

Notary Public In and for said County and State

INFORMATION REQUIRED OF BIDDERS

SOLANA BEACH SCHOOL DISTRICT

309 North Rios

Solana Beach, California 92075

BIDDER INFORMATION

- a. The District expressly reserves the right to reject the bid of any bidder who, upon investigation, has been determined to fail to complete similar contracts in a timely fashion or in a satisfactory manner. Such rejection would, if applicable, be based upon the principle that the bidder is “non-responsible” and poses a substantial risk of being unable to complete the work in a cost-effective, professional and timely manner.

- b. In performing the above-described responsibility determination, the District reserves the right to utilize all possible sources of information in making its determination, including but not limited to: inquiries to regulatory State Boards and agencies; Dun and Bradstreet credit reports, inquiries to companies and public entities for which the contractor has previously performed work, reference checks and examination of all public records.

- c. The bidder must provide the following information:

1) Firm Name and Address:

2) Telephone: _____ Fax: _____

E-Mail Address: _____

3) Type of Firm: Individual _____
(check one) Partnership _____
Corporation _____

4) Contractor’s License: Primary Class _____
License No. _____
License Expiration Date: _____
DIR No. _____

5) Names and titles of all officers of the firm:

- 6) Number of years as a contractor in construction of this type: _____
- d. **The bidder must also demonstrate knowledge of school construction techniques and should possess a working ability to perform similarly-sized construction work for a public agency. This knowledge and ability shall be shown by furnishing the names, current phone numbers, address, points of contract and scope of work of at least five (5) customers served within the past three (3) years with requirements similar to the needs of the Solana Beach School District.**

- 1) **FAILURE TO FURNISH THE REFERENCES (*IN THE COMPLETE FORMAT REQUIRED*) MAY CAUSE YOUR BID TO BE REJECTED AS NON-RESPONSIVE.**

EXAMPLE: Your references should be listed in the following format (facts are example only)

- (a) Work for X Y Z Unified school District
- (b) Phone # (222) 123-4567
- (c) 999 Holly Drive, L.A., CA 92000
- (d) Contact: J.Q. Jones III at above #
- (e) Renovated Hills High in 1990 for \$1.3 Million.

Bidder's Name:

1. **Reference #1**

District or Entity: _____

Phone #: _____

Address: _____

Name of Contact: _____

Scope of Work & \$ Amount: _____

Reference #2

District or Entity: _____

Phone #: _____

Address: _____

Name of Contact: _____

Scope of Work & \$ Amount: _____

Reference #3

District or Entity: _____

Phone #: _____

Address: _____

Name of Contact: _____

Scope of Work & \$ Amount: _____

DOCUMENT 00500: CONTRACT

THIS CONTRACT, made this day of _____ in the County of San Diego, State of California, by and between the Solana Beach School District, hereinafter called the District, and _____, hereinafter called the Contractor,

WITNESSETH that the District and the Contractor for the considerations stated herein agree as follows:

ARTICLE 1 - SCOPE OF WORK. The Contractor shall perform within the time stipulated the Contract as herein defined, and shall provide all labor, materials, equipment, tools, utility services, and transportation to complete in a worker-like manner all of the work required in connection with the following titled Project and in strict compliance with the Contract Documents as specified in Article 5 below:

Solana Beach School District – Solana Santa Fe Roofing Project

in strict compliance with the Contract Documents as specified in Article 5 below. The Contractor shall be liable to the District for any damages arising as a result of a failure to comply with that obligation, and the Contractor shall not be excused with respect to any failure to so comply by act or omission of the Owner or representative, unless such act or omission actually prevents the Contractor from fully complying with the Contract Documents and the Contractor protests, in accordance with the Contract Documents that the act or omission is preventing the Contractor from fully complying with the Contract Documents. Such protest shall not be effective unless reduced to writing and filed with the District office within five (5) days of the date of occurrence of the act or omission preventing the Contractor from fully complying with the Contract Documents.

ARTICLE 2- TIME FOR COMPLETION. The work shall be commenced on the date stated in the District's Notice to Proceed, as provided in Section A of the Special Conditions. The work shall be completed within the number of calendar days from specified in the Special Conditions, and in accordance with the target milestones and work element durations shown in the Master Construction Project Schedule, included in the Special Conditions. The calendar days specified herein includes calendar days for anticipated inclement weather, taking into consideration the seasonal weather for the time when construction will be undertaken.

In entering into this Contract, Contractor acknowledges and agrees that the construction duration stipulated herein is adequate and reasonable for the size and scope of the Project.

ARTICLE 3 - CONTRACT PRICE. The District shall pay to the Contractor as full consideration for the faithful performance of the Contract, subject to any additions or deductions as provided in the Contract Documents, and including any applicable sales, use or other taxes or costs, the sum of _____ Dollars (\$ _____), said sum being the total amount stipulated in the bid. Payment shall be made as set forth in the General Conditions.

ARTICLE 4 – LIQUIDATED DAMAGES. It is agreed that the Contractor will pay the District the sum of five-hundred dollars (\$500) per calendar day for each and every day of delay beyond the time prescribed in the Contract Documents for finishing said work, as Liquidated Damages and not as a penalty or forfeiture. In the event the same is not paid, the Contractor further agrees that the District may deduct that amount thereof from any money due or that may become due the Contractor under the Contract. This Article does not exclude recovery of damages under provisions of the Contract Documents.

ARTICLE 5 - COMPONENT PARTS OF THE CONTRACT. The agreement entered into by this Contract consists of the following Contract Documents, all of which are component parts of the Contract as if herein set out in full or attached hereto:

Notice to Contractors Calling for Bid
Information for Bidders
Contractor's Certificate Regarding Workers' Compensation
Bid Form, as accepted
Bid Bond
Designation of Subcontractors
Information Required of Bidders
Asbestos-Free Material Certification
Non-collusion Affidavit
Contract
Performance Bond
Payment Bond for Public Works
Recycled Content Certification
Contractor & Subcontractor Fingerprinting Requirements
Drug-Free Workplace Certifications
General, Special, and Supplementary Conditions
Insurance Policies/OCIP
All Contractor Certifications
Addenda Nos. ____, ____, and ____, as issued
Drawings, Plans, and Specifications

All of the above-named Contract Documents are intended to be complementary. Work required by one of the above-named Contract Documents and not by others shall be done as if required by all. This Contract shall supersede any prior agreement of the parties.

ARTICLE 6 – PROVISIONS REQUIRED BY LAW. Each and every provision of law and clause required to be inserted in this Contract shall be deemed to be inserted herein and this Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted or is not inserted correctly, then upon application of either party the Contract shall forthwith be physically amended to make such insertion or correction.

ARTICLE 7 – SUBSTITUTION OF SECURITIES. It is understood that at the request and expense of the Contractor, the District will pay the amounts retained pursuant to these Contract Documents as security for the completion of the work in compliance with the requirements of Public Contract Code Section 22300.

ARTICLE 8 – LABOR CODE PROVISIONS. Contractor shall comply with the prevailing wage provisions of the California Labor Code and the prevailing wage rate determinations of the Department of Industrial Relations. These rates are on file at the District's Purchasing Department Office located at District, 309 N. Rios Avenue, Solana Beach, California, 92075. Copies may be obtained on request. A copy of these rates shall be posted at the job site. It shall be mandatory upon the Contractor and all subcontractors to comply with all Labor Code provisions, which include but are not limited to prevailing wages, employment of apprentices, hours of labor, and debarment of Contractors and subcontractors.

Pursuant to Labor Code section 1771.7, the District has implemented and shall enforce a Labor Compliance Program (LCP) for this Project. The Contractor shall be required to comply with all the requirements of the District's LCP and applicable provisions of the California Labor Code. In bidding on this Project, it shall be the Contractor's responsibility to evaluate the cost of complying with the District's LCP. The Contractor shall include all costs of compliance with specified requirements in the contract amount.

Contractor shall be responsible for complying with the provisions of the District's LCP, including the standard provisions requiring payment of prevailing wages, more further explained below, maintenance and submission of certified weekly payrolls, and hiring of apprenticeship as appropriate. Contractor shall be required to attend, and invite subcontractors to attend, a pre-construction meeting at which a representative of the District shall discuss labor law requirements. Contractor shall work with the District's staff and consultants to ensure the full compliance with the District's LCP and applicable labor law.

ARTICLE 9 – RECORD AUDIT. In accordance with Government Code, Section 8546.7, records of both the District and the Contractor shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

ARTICLE 10 – INDEMNIFICATION. The District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof, or for any of the materials or other things used or employed in performing the Work, or for injury or damage to any person or persons, either workers, employees of Contractor or its subcontractors or the public, or for damage to adjoining or other property, from any cause whatsoever arising out of or in connection with the performance of the Work. The Contractor shall be responsible for any damage to adjoining or other property, from any cause whatsoever arising out of or in connection with the performance of the work. The Contractor shall be responsible for any damage or injury to any person or property resulting from defects or obstructions or from any cause whatsoever arising out of or in connection with the performance of the Work; provided, however, that the Contractor shall not be liable for the sole established negligence, willful misconduct or active negligence of the District, its Board members, directors, officers, employees, agents and authorized volunteers who are directly responsible to the District.

- a. Contractor shall indemnify the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers against and will hold and save them and each of them harmless from any and all actions, claims, damages to persons or property, penalties, obligations or liabilities that may be asserted or claimed by any person, firm entity, corporation, political subdivision or other organization arising out of or in connection with the Work, operation or activities of Contractor, its agents, employees, subcontractors or invitees, provided for herein, whether or not there is concurrent passive or active negligence on the part of the District, the District's Representative, or their Board members, directors, officers, employees, agents and authorized volunteers, but excluding such actions, claims, damages to persons or property penalties, obligations or liabilities arising from the sole established negligence, willful misconduct or active negligence of the District, the District's Representative, or those who are directly responsible to them; and in connection therewith:
 - 1) Contractor will defend any action or actions filed in connection with any of said claims, damages, penalties, obligations or liabilities and will pay all costs and expenses, including attorney's fees incurred in connection therewith.
 - 2) Contractor will promptly pay any judgment rendered against Contractor, the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers covering such claims, damages, penalties, obligations and liabilities arising out of or in connection with such work, operations, or activities of Contractor hereunder and Contractor agrees to save and hold the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers harmless therefrom.
 - 3) In the event the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers are made a party to any action or proceeding filed or prosecuted against Contractor for such damages or other claims arising out of or in connection with the Work, or operation or activities of Contractor hereunder, Contractor agrees to pay to the District,

the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers any and all costs and expenses incurred by the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers in such action or proceeding together with reasonable attorney's fees.

- 4) The District may retain, to the extent it deems necessary, the money due to the Contractor under and by virtue of the Contract Documents until disposition has been made of such actions or claims for damages as specified hereinabove.

IN WITNESS WHEREOF, this Contract has been duly executed by the above-named parties, on the day and year first above written.

CONTRACTOR:

DISTRICT:

Contractor Name

Solana Beach School District

License No. _____

By _____

By _____
Signature of Authorized Agent

Its _____

Its _____
Name of Above Agent Types or Printed

(Corporate Seal)

DOCUMENT 00600: PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS That

WHEREAS, the Solana Beach School District (hereinafter designated as "Public Entity"), by action taken or a resolution passed, 20_____ has awarded to _____ hereinafter designated as the "Principal," a contract for work described as follows:

Solana Beach School District - Solana Santa Fe Roofing Project

(the "Project"); and WHEREAS, said Principal is required under the terms of said contract to furnish a bond for the faithful performance of thereof;

NOW THEREFORE, we, the Principal and _____, as Surety, are held and firmly bound unto the Public Entity in the penal sum of _____ Dollars (\$_____) which is one hundred percent (100%) of the total contract amount for the above stated Project. lawful money of the United States of America, to be paid to the District for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if the above bounded 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 part, 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 the Districts, its officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise, It shall be and remain in full force and virtue. And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder, or the specifications accompanying the same, shall in anyway affect Its obligation 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, the Surety shall pay all litigation expenses incurred by the District in such suit, including attorneys' fees, court costs, expert witness fees and investigation expenses.

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 _____, 200_, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

(Corporate Seal of Principal,
if corporation)

Principal (Property Name of Contractor)

By _____

(Signature of Contractor)

(Seal of Surety)

Surety

By _____
Attorney in Fact

(Attached Attorney-In-Fact
Certificate and Required Acknowledgements)

*Note: Appropriate Notarial Acknowledgments of Execution by Contractor and surety and a power of Attorney **MUST BE ATTACHED.**

RECYCLED CONTENT CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for the

Solana Beach School District – Solana Santa Fe Roofing Project

(hereinafter referred to as the “Project”), and submitted it to the Solana Beach School District (hereinafter referred to as the “District”) on behalf of _____ hereinafter referred to as the “Contractor”).

Pursuant to Public Contract Code Section 10308.5, all contractors are required to certify in writing under penalty of perjury the minimum (if not exact) percentage of recycled content in materials, goods, or supplies offered or products used in the performance of their contract, regardless of whether the product meets the required recycled product percentage as defined in Sections 12161 and 12200. The recycled content shall include both post-consumer material and secondary material as defined in Public Contract Code Sections 12161 and 12200 shall apply.

I declare under penalty of perjury under the laws of the State of California that the following percentages of Postconsumer Material and Secondary Material is in the materials, goods or supplies offered for, or products used in, the performance of the Contract for the Project:

_____ % Postconsumer Material _____ % Secondary Material

Executed on this _____ day of _____, 20____ at _____.

Name of Contractor (Print or Type)

By

Signature

Print Name

Title

Subscribed and sworn before me
this _____ day of _____, 20 _____

Notary Public in and for
the State of California

My Commission Expires: _____

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

CONTRACTOR CERTIFICATION

With respect to the Contract dated _____ 20__ by and between Solana Beach School District ("District") and _____ ("Contractor"), Contractor hereby certifies to the District's governing board that it has completed the criminal background check requirements of Education Code Section 45125.1 and that none of its employees that may come in contact with District's pupils have been convicted of a violent felony listed in Penal Code section 667.5(c) or a serious felony listed in Penal Code section 1192.7(c).

Contractor's Representative

Date

CONTRACTOR EXEMPTION

Pursuant to Education Code sections 45125.1 and 45125.2, the Solana Beach School District ("District") has determined that _____ ("Contractor") is exempt from the criminal background check certification requirements for the Contract dated _____ 20__ by and between the District and Contractor ("Contract") because:

- The Contractor's employees will have limited contact with District students during the course of the Contract;
- Emergency or exceptional circumstances exist; or
- With respect to contractors constructing, reconstructing, rehabilitating or repairing a school facility, as provided in Section 45125.2, the Contractor has agreed to ensure the safety of pupils at the school facility by the following method(s) specified in Section 45125.2:
_____.

School District Official

Date

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

SUBCONTRACTOR'S CERTIFICATION

The Solana Beach School District ("District") entered into a Contract for services with _____ ("Contractor") on or about _____, 20__ ("Contract"). This certification is submitted by _____, a subcontractor to the Contractor for purposes of that Contract ("Subcontractor"). Subcontractor hereby certifies to the District's governing board that it has completed the criminal background check requirements of Education Code section 45125.1 and that none of its employees that may come in contact with District pupils have been convicted of a violent felony listed in Penal Code section 667.5(c) or a serious felony listed in Penal Code section 1192.7(c).

Subcontractor's Representative

Date

SUBCONTRACTOR'S EXEMPTION

The Solana Beach School District ("District") entered into a Contract for services with _____ ("Contractor") on or about _____, 20__ ("Contract"). Pursuant to Education Code sections 45125.1 and 45125.2, the District has determined that _____, a subcontractor to the Contractor for purposes of that Contract ("Subcontractor"), is exempt from the criminal background check certification requirements for the Contract because:

- The Subcontractor's employees will have limited contact with District students during the course of the Contract;
- Emergency or exceptional circumstances exist; or
- With respect to contractors constructing, reconstructing, rehabilitating or repairing a school facility, as provided in Section 45125.2, the Contractor and/or Subcontractor have agreed to ensure the safety of pupils at the school facility by the following method(s) specified in Section 45125.2: _____.

School District Official

Date

DRUG-FREE WORKPLACE CERTIFICATION

This Drug-Free Workplace Certification form is part of the Contract made by and between the Solana Beach School District (hereinafter referred to as the "District") and

_____ (hereinafter referred to as the "Contractor") for the
Solana Beach School District – Solana Santa Fe Roofing Project

(hereinafter referred to as the "Project"). This form is required from all successful bidders pursuant to the Drug-Free Workplace Act of 1990 (Government Code Section 8350 *et seq.*) The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for procurement of any property or service from any State agency must certify that it will provide a drug-free workplace by doing certain specified acts. In addition, the Act provides that each contract or grant awarded by a State agency may be subject to suspension of payments or termination, and the contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

Pursuant to Government Code Section 8355, every person or organization awarded a contract or grant from a State agency shall certify that it will provide a drug-free workplace by doing all of the following:

- A. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in their workplace and specifying actions which will be taken against employees for violations of the prohibition;
- B. Establishing a drug-free awareness program to inform employees about all of the following:
 - 1. The dangers of drug abuse in the workplace;
 - 2. The person's or organization's policy of maintaining a drug-free workplace;
 - 3. The availability of drug counseling, rehabilitation and employee-assistance programs; and
 - 4. The penalties that may be imposed upon employees for drug abuse violations.
- C. Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required by subdivision "A," and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

I, the undersigned, agree to fulfill the terms and requirements of the Drug-Free Workplace Act as it now exists or may hereinafter be amended. Particularly, I shall abide by Government Code Section 8355 when performing the Contract for the Project by:

- A. Publishing a statement notifying employees concerning the prohibition of controlled substance at my workplace;
- B. Establishing a drug-free awareness program; and
- C. Requiring that each employee engaged in the performance of the contract be given a copy of the statement required by Section 8355(a) and agree to abide by the terms of that statement.

I also understand that if the District determines that I have either: (a) made a false certification herein; or (b) violated this certification by failing to carry out the requirements of Section 8355, the Contract awarded herein is subject to termination, suspension of payments, or both. I further

understand that if I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of the Act.

I acknowledge that I am aware of the provisions of Government Code Section 8350 et seq., and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990.

Executed on this _____ day of _____, 20____ at _____.

Name of Contractor (Print or Type)

By _____
Signature

Print Name

Title

Subscribed and sworn before me
this ___ day of _____, 20___

Notary Public in and for
the State of California
My Commission Expires: _____

DOCUMENT 00700: GENERAL CONDITIONS

Article 1. DEFINITIONS

- a. Acceptable, Acceptance or words of similar import are used, it shall be understood that the acceptance of the District is intended.
- b. Approval means written authorization by District for specific applications within the Contract.
- c. Contract, Contract Documents include all Contract Documents including: Notice to Contractors Calling for Bids, Information for Bidders/Pre-Qualification Documents, Bid Form, Designation of Subcontractors, Certificate Regarding Workers' Compensation, Non-Collusive Bidding Declaration, Designation of DVBE Subcontractors, Drug-Free Workplace Certification, Recycled Content Certification, Asbestos-Free Materials Certification, Contractor Fingerprinting Requirements, Information Required of Bidders, Performance Bond, Payment Bond, Insurance Policies/OCIP Documents, General Conditions, Special Conditions, Supplementary General Conditions, if any, Drawings, Plans, Specifications, the Contract, and all modifications, addenda, and amendments.
- d. Day as used herein shall mean calendar day unless otherwise specifically designated.
- e. District and Contractor are those mentioned as such in the Contract. For convenience and brevity, these terms, as well as terms identifying other persons involved in the Contract are treated throughout the Contract Documents as if they are of singular number and masculine gender. The terms District and Owner are used interchangeably. The terms Contractor, Trade Contractor and Prime Contractor are all references to the other. These terms are used interchangeably in the course of the Contract Documents.
- f. District's Representative or Representative means any representative of the District authorized in writing to act on behalf of the District.
- g. Equal, Equivalent, Satisfactory, Directed, Designated, Selected, As Required and words of similar meaning are used, the written approval, selection, satisfaction, direction, or similar action of the District is required.
- h. Includes and Including do not limit the work to the items following those words.
- i. Indicated, Shown, Detailed, Noted, Scheduled or words of similar meaning shall mean that reference is made to the drawings, unless otherwise noted. It shall be understood that the direction, designation, selection, or similar import of the District is intended, unless stated otherwise.
- j. Locality in which the work is performed means the county in which the public work is done.
- k. Perform shall be understood to mean that the Contractor, at Contractor's expense, shall perform all operations necessary to complete the work, including furnishing of necessary labor, tools, and equipment, and further including the furnishing and installing of materials that are indicated, specified, or required to complete such performance.
- l. Project is the undertaking planned by District and Contractor as provided in the Contract Documents.

- m. Provide shall include “provide complete in place,” that is, “furnish, install, test and make ready for use.”
- n. Required and words of similar meaning are used, it shall mean “as required to properly complete the work” as required by the District, unless stated otherwise.
- o. Subcontractor as used herein, includes those having a direct contract with Contractor and one who furnishes material worked to a special design according to plans, drawings, and specifications of this work, but does not include one who merely furnishes material not so worked.
- p. Surety is the person, firm, or corporation, admitted as a California admitted surety, that executes as surety the Contractor’s Performance Bond and Payment Bond for Public Works. Surety must be an admitted surety insurer pursuant to Code of Civil Procedure section 995.120.
- q. The Work means the entire improvement proposed by the District to be constructed in whole, or in part, pursuant to the Contract Documents.
- r. Work means labor, equipment and materials incorporated in, or to be incorporated in the construction covered by the Contract Documents.
- s. Worker includes laborer, worker, or mechanic, and any supervisors thereto.

Article 2. DRAWINGS AND SPECIFICATIONS

- a. **Contract Documents.** Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intention of documents is to provide the District with complete and fully operational facilities as indicated and specified including all labor and materials, equipment, and transportation necessary for the proper execution of the work. Materials or work described in words, which as applied, have a well-known technical or trade meaning shall be deemed to refer to such recognized standards.
- b. **Interpretations.** Drawings and specifications are intended to be fully cooperative and to agree. However, if Contractor observes that drawings and specifications are in conflict, the Contractor shall promptly notify the Owner in writing and any necessary changes shall be adjusted as provided in contract for changes in work. If such conflict arises, the following order of precedence shall generally apply, provided, however, that the order of precedence shall not be so rigidly interpreted as to affect an absurd or costly result:
 - 1) Special Conditions shall take precedence over General Conditions.
 - 2) Technical Specifications implement, in additional detail, the requirements of the General Conditions. In the event of conflict between the Technical Specifications and the General Conditions, the General Conditions shall take precedence.
 - 3) In the event of a conflict between the Technical Specifications and the drawings, the higher quality, higher quantity and the most stringent requirements shall be deemed to apply and shall govern as to materials, workmanship, and installation procedures.
 - 4) With regard to drawings:
 - (a) Figures govern over scaled dimensions;

- (b) Larger scale drawings and details govern over smaller scale drawings;
 - (c) Addenda/change order drawings govern over contract drawings;
 - (d) Contract drawings govern over standard drawings.
 - (e) Contractor shall field verify and be responsible for all material counts and take offs.
- 5) Work not particularly shown or specified shall be the same as similar parts that are shown or specified.
- c. Misunderstanding of drawings and specifications shall be clarified by the Owner/Owner's Rep, whose decisions shall be final, and which shall be communicated to the Contractor by the Owner.
 - d. Standards, Rules, and Regulations referred to are recognized printed standards and shall be considered as one and a part of these specifications within limits specified.
 - e. **Compliance with Applicable Laws.** Drawings and specifications are intended to comply with all laws, ordinances, rules and regulations of authorities having jurisdiction, and where referred to in the Contract Documents, said laws, ordinances, rules and regulations shall be considered as part of said Contract Documents within the limits specified. The Contractor shall bear all expenses correcting work done contrary to said laws, ordinances, rules and regulations and if the Contractor (1) performed same without first consulting the Owner for securing the Owner's instructions regarding said work or (2) disregarded the Owner's instructions regarding said work.
 - f. **Provisions of Law Deemed Inserted.** Each and every provision of law required by law to be inserted in this Contract shall be deemed to be inserted herein and the Contract shall be read and enforced as though it were included herein, and if through mistake, omission or otherwise any such provision is not inserted, or is not correctly inserted, then upon application of either party the Contract shall be amended in writing to make such insertion or correction.
 - g. **Addenda and Deferred Approvals.** Addenda shall govern over all other Contract Documents. Subsequent addenda issued shall govern over prior addenda only to the extent specified.
 - h. **Organization of Work.** Organization of the specification into divisions, sections, and articles, and arrangement of drawings shall not control the Contractor in dividing the work among subcontractors or in establishing the extent of work to be performed by any trade.

Article 3. COPIES FURNISHED

Contractor will be furnished, free of charge, the number of copies of drawings and specifications as set forth in the Special Conditions. Additional copies may be obtained at cost of reproduction.

Article 4. OWNERSHIP OF DRAWING

All drawings, specifications, and copies thereof furnished by the District are District property. They are not to be used by Contractor or Subcontractor on other work nor shall Contractor claim any right to such documents. With exception of one signed Contract set, all documents shall be returned to the District on request at completion of work.

Article 5. DETAIL DRAWINGS AND INSTRUCTIONS

- a. **Examination of Drawings and Specifications.** Before commencing any portion of the Work, Contractor shall carefully examine all Drawings and Specifications and other information given to Contractor as to materials and methods of construction and other Project requirements. Contractor shall immediately notify District of any perceived or alleged error, inconsistency, ambiguity, or lack of detail or explanation in the Drawings and Specifications in the manner provided herein. If the Contractor or its Subcontractors, material or equipment suppliers, or any of their officers, agents and employees performs, permits, or causes the performance of any Work under the Contract Documents which it knows or should have known to be in error, inconsistent, or ambiguous, or not sufficiently detailed or explained, Contractor shall bear any and all costs arising therefrom including, without limitation, the cost of correction thereof without increase or adjustment to the Contract Price, as set forth in Article 3 of the Contract, or the time for performance. If Contractor performs, permits, or causes the performance of any Work under the Contract Documents prepared by or on behalf of Contractor which is in error, inconsistent or ambiguous, or not sufficiently detailed or explained, Contractor shall bear any and all resulting costs, including, without limitation, the cost of correction, without increase to or adjustment in the Contract Price or the time for performance. In no case shall any Subcontractor proceed with the Work if uncertain without the Contractor's written direction and/or approval.

Additional Instructions. Within ten (10) calendar days of notification of any ambiguity, conflict or lack of information, the District will provide prepared additional instructions, by means of drawings or other written direction, necessary for proper execution of work. All such drawings and instruments shall be consistent with the Contract Documents, true developments thereof, and reasonable inferable therefrom. Work shall be executed in conformity therewith and Contractor shall do no work without proper drawings and instructions. Any necessary additional details furnished by the Owner to more fully explain the work shall be considered as part of the Contract Documents.

- b. **Quality of Parts, Construction and Finish.** All parts of the described and shown construction shall be of the best quality of their respective kinds and the Contractor is hereby advised to use all diligence to inform himself fully as to the required construction and finish, and in no case to proceed with the different parts of the work without obtaining first from the Owner such directions and/or drawings as may be necessary for the proper performance of the work.
- c. **Contractor's Variation from Contract Document Requirements.** If it is found that the Contractor has varied from the drawings and/or specifications, in materials, quality, form or finish, or in the amount or value of the materials and labor used, the Owner, shall be at liberty at any time, before or after completion of the work, to order such improper work removed, remade and replaced, and all work distributed by these changes shall be made good at the Contractor's expense, or the Owner shall receive from the Contractor a sum of money equivalent to the difference in value between the work performed and that called for by the drawings and specifications, it being optional with the Owner to pursue either course.

Article 6. TIME FOR COMPLETION AND LIQUIDATED DAMAGES

- a. **Time for Completion/Liquidated Damages.** Work shall be commenced on or before the date stated in the District's notice to the Contractor to proceed and shall be completed by Contractor in the time specified in the Special Conditions. The District is under no obligation to consider early completion of the Project and the Contract completion date shall not be amended by the District's acceptance of the Contractor's proposed earlier completion date. Furthermore, Contractor shall

not, under any circumstances receive additional compensation from the District for indirect, general, administrative or other forms of overhead costs for the period between the time of earlier completion proposed by the Contractor and the official Contract completion date. If the work is not completed in accordance with the foregoing, it is understood that the District will suffer damage. It being impractical and infeasible to determine the amount of actual damage, it is agreed that Contractor shall pay to the District as fixed and liquidated damages, and not as a penalty, the sum stipulated in the Special Conditions for each calendar day of delay until work is completed and accepted. Contractor and his surety shall be liable for the amount thereof. Any money due or to become due the Contractor may be retained to cover said liquidated damages. Should such money not be sufficient to cover said liquidated damages, the District shall have the right to recover the balance from the Contractor or his sureties, who will pay said balance forthwith. Regardless of the schedule submitted by Contractor, no delay claims shall be accepted by the District unless the event or occurrence delays the completion of the Project beyond the contractual completion date.

- b. **Extension of Time.** Contractor shall not be charged liquidated damages because of any delays in completion of work due to unforeseeable causes beyond the control and without the fault or negligence of Contractor including, but not restricted to: acts of God, or of public enemy, acts of Government, acts of District or anyone employed by him or acts of another Contractor in performance of a contract with the District, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather or delays of subcontractors due to such causes. Contractor shall within five (5) calendar days of the beginning of any such delay (unless the District grants a further period of time prior to date of final settlement of the Contract) notify the District in writing of causes of delay; thereupon the District shall ascertain the facts and extent of delay and grant extension of time for completing work when, in its judgment, the findings of fact justify such an extension. The District's findings of fact thereon shall be final and conclusive on parties hereto. In case of a continuing cause of delay, only one claim is necessary. Time extensions to the Project should be requested by the Contractor as they occur and without delay. Regardless of the schedule submitted by Contractor, no delay claims shall be accepted by the District unless the event or occurrence delays the completion of the Project beyond the contractual completion date.
- c. **No Damages for Delay.** The District's liability to Contractor for delays for which the District is responsible shall be limited to an extension of time for delays unless such delays were unreasonable under the circumstances involved and were not within the contemplation of the parties when the Contract was awarded. Contractor agrees that the Owner, together, shall determine the actual costs to Contractor of any delay for which Contractor may claim damages from the District. Such costs, if any, shall be directly related to the Project, and shall not include costs that would be borne by the Contractor in the regular course of business, including, but not limited to, home office overhead and ongoing insurance costs. The District shall not be liable for any damages, which the Contractor could have avoided by any reasonable means including, but not limited to, the judicious handling of forces, equipment, or plant.

Article 7. PROGRESS SCHEDULE

- a. **Estimated Schedule.** Within seven (7) calendar days after the effective date of the Notice to Proceed, Contractor shall prepare an estimated progress schedule and shall submit same to District for approval. The schedule shall clearly identify all staffing and other resources, which in the Contractor's judgment are needed to complete the Project within the time specified for completion. The schedule shall include milestones and shall include the "critical path" activities. Such schedule shall be submitted to District for approval. The Contractor is fully responsible to determine and provide for any and all staffing and resources at levels, which allow for good quality

and timely completion of the Project; the District's approval of the progress schedule does not relieve the Contractor of any such responsibility. Contractor's failure to incorporate all elements of work required for the performance of the Contract or any inaccuracy in the schedule shall not excuse the Contractor from performing all work required for a completed Project within the specified Contract time period, notwithstanding the District's acceptance of the schedule. If the required schedule is not received by the time the first payment request is due, Contractor shall not be paid until the schedule is received, reviewed and accepted by the District.

- b. **Schedule Contents.** The schedule shall allow enough time for inclement weather. Such schedule shall indicate graphically the beginning and completion dates of all phases of construction, shall indicate the critical path for all critical, sequential time related activities. All required schedules shall indicate "float time" for all "slack" or "gaps" in the non-critical activities. Submitted construction schedules shall have a duration to match the Contract time. Excess time may be picked up with "float time" if needed or desired by the Contractor. A "bar chart" in reasonably complete detail shall be adequate in contracts over \$1 million and shall show critical path items. All required schedules shall be periodically updated to reflect changes in the status of the job, including weather delays. At a minimum, the Contractor shall be required to provide and keep updated a monthly schedule in order to prevent delay claims.
- c. **State Testing.** In no event shall Contractor conduct any work on the Project on dates on which State Testing of Pupils is conducted. District or District's Representative will provide Contractor with a schedule of test dates concurrent with the District's issuance of notice of award of Contract, or as soon as such test dates are made available to the District.

Article 8. CONTRACT SECURITY

Unless otherwise specified in Special Conditions, Contractor shall furnish a surety bond in an amount equal to one hundred percent (100%) of Contract Price as security for faithful performance of this Contract and shall furnish a separate bond in an amount at least equal to one hundred percent (100%) of the Contract Price as security for payment of persons performing labor and furnishing materials in connection with this Contract. Both the Payment and Performance Bonds must be executed by an admitted Surety, as defined in California Code of Civil Procedure Section 995.120. The Payment and Performance Bonds must be accompanied by the original or a certified copy of the unrevoked power of attorney or other appropriate instrument entitling or authorizing the person who executed the bond to do so. In addition, to the extent required by law, the Payment and Performance Bonds must be accompanied by a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California, a certificate from the Clerk of the County of San Diego that the certificate of authority of the insurer has not been surrendered, revoked, cancelled, annulled, or suspended, or if it has that it has been renewed, and four copies of the insurer's most recent annual statement and quarterly statement filed with the Department of Insurance of the State of California. Aforesaid bonds shall be in form set forth in these Contract Documents. Upon request of Contractor, the District will consider and accepting multiple sureties on such bonds.

Article 9. ASSIGNMENT

Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of this Contract or any part thereof including any claims, without prior written consent of the District. Any assignment without the written consent of the District shall be void. Any assignment of money due or to become due under this Contract shall be subject to a prior lien for services rendered or material supplied for performance of work called for under said Contract in favor of all persons, firms, or corporations rendering such services or supplying such materials to the extent that claims are filed pursuant to the Civil Code, the Code of Civil Procedure, and/or the Government Code.

Article 10. CHANGE IN NAME AND NATURE OF CONTRACTOR'S LEGAL ENTITY

Should a change be contemplated in the name or nature of the Contractor's legal entity, the Contractor shall first notify the District in order that proper steps may be taken to have the change reflected on the Contract.

Article 11. PROHIBITED INTERESTS

No official of the District, and no District Representative who is authorized in such capacity and on behalf of the District to negotiate, make, accept, or approve, or to take part in negotiating, making, accepting or approving any architectural, engineering, inspection, construction or material supply contract or any subcontract in connection with construction of the Project, shall be or become directly or indirectly interested financially in this Contract or in any part thereof. No officer, employee, attorney, engineer or Inspector of or for the District who is authorized in such capacity and on behalf of the District to exercise any executive, supervisory or other similar functions in connection with construction of the Project, shall become directly or indirectly interested financially in this Contract or in any part thereof.

Article 12. SEPARATE CONTRACTS

- a. The District reserves the right to let other contracts in connection with this work. Contractor shall afford other contractors reasonable opportunity for introduction and storage of their materials and execution of their work and shall properly connect and coordinate his work with theirs.
- b. If any part of Contractor's work depends for proper execution or results upon work of any other contractor, the Contractor shall inspect and promptly report to the Owner any defects in such work that renders it unsuitable for such proper execution and results. His failure so to inspect and report shall constitute his acceptance of other contractor's work as fit and proper for reception of his work, except as to defects which may develop in the other contractor's work after execution of contractor's work.
- a. To insure proper execution of his subsequent work, Contractor shall measure and inspect work already in place and shall at once report to the Owner any discrepancy between executed work and the Contract Documents.
- b. Contractor shall ascertain to his own satisfaction the scope of the Project and nature of any other contracts that have been or may be awarded by the District in prosecution of the Project to the end that Contractor may perform this Contract in the light of such other contracts, if any. Nothing herein contained shall be interpreted as granting to Contractor exclusive occupancy at site of the Project. Contractor shall not cause any unnecessary hindrance or delay to any other contractor working on the Project. If simultaneous execution of any contract for the Project is likely to cause interference with performance of some other contract or contracts, the District or District's Representative shall decide which Contractor shall cease work temporarily and which contractor shall continue or whether work can be coordinated so that contractors may proceed simultaneously. The District shall not be responsible for any damages suffered or for extra costs incurred by Contractor resulting directly or indirectly from award, performance, or attempted performance of any other contract or contracts on the Project, or caused by any decision or omission of the District or District's Representative respecting the order of precedence in performance of contracts.

Article 13. SUBCONTRACTING

- a. Contractor agrees to bind every subcontractor by terms of the Contract as far as such terms are applicable to subcontractor's work. If Contractor subcontracts any part of this Contract, Contractor shall be as fully responsible to the District for the acts and omissions of his subcontractor and of persons either directly or indirectly employed by his subcontractor, as he is for acts and omissions of persons directly employed by himself. Nothing contained in these Contract Documents shall create any contractual relation between any subcontractor and the District. The District shall be deemed to be the third party beneficiary of the contract between the Contractor and the subcontractor.
- b. The District's consent to or approval of any subcontractor under this Contract shall not in any way relieve Contractor of his obligations under this Contract and no such consent or approval shall be deemed to waive any provision of this Contract
- c. Substitution or addition of subcontractors shall be permitted only as authorized in chapter 4 (commencing at section 4100), part 1, division 2 of the California Public Contract Code.

Article 14. DISTRICT'S RIGHT TO TERMINATE CONTRACT

- a. The District may, without prejudice to any other right or remedy, serve written notice upon Contractor and his surety of its intention to terminate this Contract if the Contractor (i) refuses or fails to prosecute the work or any separable part thereof with such diligence as will insure its completion within the time specified or any extension thereof, or (ii) fails to complete said work within such time, or (iii) if the Contractor should file a bankruptcy petition or be adjudged a bankrupt, or (iv) if he should make a general assignment for the benefit of his creditors, or (v) if a receiver should be appointed on account of his insolvency, or (vi) if he should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to supply enough properly skilled workers or proper materials to complete the work in time specified, or (vii) if he should fail to make prompt payment to subcontractors or for material or labor, or (viii) persistently disregard laws, ordinances or instructions of the District or those of District's Representatives, or (ix) otherwise be guilty of a substantial violation of any provision of the Contract, or (x) if he or his subcontractors should violate any of the provisions of this Contract. The notice of intent to terminate shall contain the reasons for such intention to terminate. Unless within ten (10) calendar days after the service of such notice, such condition shall cease or such violation shall cease and satisfactory arrangements for the correction thereof be made, this Contract shall, upon the expiration of said ten (10) calendar days, cease and terminate. In such case, Contractor shall not be entitled to receive any further payment until work is finished. In event of any such termination, the District shall immediately serve written notice thereof upon surety and Contractor written notice of termination stating that the contract has ceased and is terminated. Surety shall have the right to investigate, take over and perform this Contract, provided, however, that if Surety, within fifteen (15) calendar days after service upon it of said notice of termination, does not give the District written notice of its intention to take over and perform this Contract and does not commence performance thereof within twenty (20) calendar days from the date of service upon it of such notice of termination, the District may take over the work and prosecute same to completion by contract or by any other method it may deem advisable for the account and at the expense of Contractor. Contractor and his surety shall be liable to the District for any excess cost or other damages occasioned the District thereby. If the District takes over the work as hereinabove provided, the District may, without liability for so doing, take possession of and utilize in completing the work such materials, appliances, plant, and other property belonging to the Contractor as may be on the site of the work and necessary therefore. If Surety does not perform the Project work itself, the Surety shall consult with the District

regarding its planned choice of a contractor or contractors to complete the Project, and upon request by District, Surety shall provide District evidence of responsibility of Surety's proposed contractor or contractors. District shall be entitled to reject Surety's choice of contractor or contractors if District determines in its sole discretion that the contractor or contractors are nonresponsible. If Surety provides District written notice of its intention to take over and perform this Contract, within fifteen (15) calendar days of such written notice of intent to take over and perform, Surety or its chosen contractor or contractors (if such contractor or contractor's are approved by District) shall provide District a detailed Progress Schedule as specified in Article 8 above. Contractor and his surety shall be liable to District for any excess cost or other damages occasioned the District as a result of Surety or Surety's contractor or contractors takeover and performance.

- b. If the unpaid balance of the Contract Price exceeds the expense of finishing work, including compensation for additional architectural, managerial, and administrative services, such excess shall be paid to Contractor. If such expense shall exceed such unpaid balance, Contractor shall pay the difference to the District.
- c. Should the District determine that environmental considerations mandate that the underlying Project should not go forward, District may notify Contractor that this Contract is terminated due to environmental considerations and District shall only be obligated to pay Contractor for the work that Contractor had performed at the time of notification of termination of this Contract for environmental considerations.
- d. **Termination For Convenience:** The District may terminate performance of the work called for by the Contract Documents in whole or, from time to time, in part, if the District determines that a termination is in the District's interest.

The Contractor shall terminate all or any part of the Work upon delivery to the Contractor of a Notice of Termination specifying that the termination is for the convenience of the District, the extent of termination, and the effective Date of such termination.

After receipt of Notice of Termination, and except as directed by the District, the Contractor shall, regardless of any delay in determining or adjusting any amounts due under this Termination for Convenience provision, immediately proceed with the following obligations:

1. Stop Work as specified in the Notice.
2. Complete any Work specified in the Notice of Termination in a least cost/shortest time manner while still maintaining the quality called for under the Contract Documents.
3. Leave the property upon which the Contractor was working and upon which the facility (or facilities) forming the basis of the Contract Documents is situated in a safe and sanitary manner such that it does not pose any threat to the public health or safety.
4. Terminate all subcontracts to the extent that they relate to the portions of the work terminated.
5. Place no further subcontracts or orders, except as necessary to complete the continued portion of the Contract.
6. Submit to the District, within ten (10) calendar days from the Effective Date of the Notice of Termination, all of the usual documentation called for by the Contract Documents to

substantiate all costs incurred by the Contractor for labor, materials and equipment through the Effective Date of the Notice of Termination. Any documentation substantiating costs incurred by the Contractor solely as a result of the District's exercise of its right to terminate this Contract pursuant to this clause, which costs the Contractor is authorized under the Contract Documents to incur, shall: (i) be submitted to and received by the District no later than thirty (30) calendar days after the Effective Date of the Notice of Termination; (ii) describe the costs incurred with particularity; and (iii) be conspicuously identified as "Termination Costs occasioned by the District's Termination for Convenience."

Termination of the Contract shall not relieve Surety of its obligation for any just claims arising out of or relating to the Work performed. In the event that the District exercises its right to terminate this Contract pursuant to this provision, the District shall pay the Contractor, upon the Contractor's submission of the documentation required by this clause and other applicable provisions of the Contract Documents, all actual reimbursable costs incurred according to the provisions of this Contract.

- e. **Termination of Contract by Contractor:** The Contractor may terminate the Contract upon ten (10) calendar days written notice to the District, whenever: (1) the entire Work has been suspended for ninety (90) consecutive days through no fault or negligence of the Contractor, and notice to resume the Work or to terminate the Contract has not been received from the District within this time period; or (2) the District should fail to pay the Contractor any substantial sums due it in accordance with the terms of the Contract and within the time limits prescribed. In the event of such termination, the Contractor shall have no claims against the District except for Work performed as of the date of termination.
- f. The foregoing provisions are in addition to and not in limitation of any other rights or remedies available to the District.
- g. Notwithstanding the foregoing provisions, this Contract may not be terminated or modified where a trustee-in-bankruptcy has assumed the Contract pursuant to 11 U.S.C. section 365 (Federal Bankruptcy Act).

Article 15. GUARANTEE

- a. Besides guarantees required elsewhere, Contractor shall, and hereby does, guarantee all work for a period of two (2) years after date of acceptance of work by the District. Contractor shall repair or replace any or all such work, together with any other work, which may be displaced in so doing, that may prove defective in workmanship and/or materials within a two-year period from date of acceptance without expense whatsoever to the District, ordinary wear and tear, unusual abuse or neglect excepted. The District will give notice of observed defects with reasonable promptness. Contractor shall notify the District upon completion of repairs.
- b. In the event of failure of Contractor to comply with above-mentioned conditions within one week after being notified in writing, the District is hereby authorized to proceed to have defects repaired and made good at the expense of Contractor. Contractor hereby agrees to pay costs and charges therefore immediately on demand.
- c. If, in the opinion of the District or District's Representative, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss to the District or to prevent interruption of operations of the District, the District or the District's Representative will attempt to give the notice required by this Article. If the Contractor cannot be contacted or

does not comply with the District's request for correction within a reasonable time as determined by the District, the District may, notwithstanding the provisions of this Article, proceed to make such correction or provide such attention. The costs of such correction or attention shall be charged against the Contractor. Such action by the District or its Representative will not relieve the Contractor of the guarantees provided in this Article or elsewhere in this Contract.

- d. This Article does not in any way limit the guarantee on any items for which a longer guarantee is specified or on any items for which a manufacturer gives a guarantee for a longer period. Contractor shall furnish the District with all appropriate guarantee or warranty certificates upon completion of the Project.

Article 16. NOTICE AND SERVICE THEREOF

- a. Any notice from one party to the other under the Contract shall be in writing and shall be dated and signed by party giving such notice or by the duly authorized representative of such party. Any such notice shall not be effective for any purpose whatsoever unless served in one of the following manners:
 - 1) If notice is given to the District, by personal delivery or by depositing same in United States mails, enclosed in a sealed envelope addressed to the District postage prepaid and registered;
 - 2) If notice is given to Contractor by personal delivery thereof to said Contractor or to his foreman at site of Project, or by depositing same in United States mails, enclosed in a sealed envelope addressed to said Contractor at his regular place of business or at such other address as may have been established for the conduct of work under this Contract, postage prepaid and registered;
 - 3) If notice is given to surety or other person by personal delivery to such surety or other person or by depositing same in United States mails, enclosed in a sealed envelope addressed to such surety or person at the address of such surety or person last communicated by him to party giving notice, postage prepaid and registered.
 - 4) If notice is served by mail, it shall be deemed received and all time periods associated with the giving of notice shall run from the third day after mailing.

Article 17. WORKERS

- a. Contractor shall at all times enforce strict discipline and good order among his employees. Contractor shall not employ on work any unfit person or any one not skilled in work assigned to him.
- b. Any person in the employ of the Contractor whom the District or District's Representative may deem incompetent or unfit shall be dismissed from work and shall not again be employed on it except with the written consent of the District.

Article 18. WAGE RATES

- a. Pursuant to the provisions of Article 2 (commencing at Section 1770), Chapter 1, Part 7, Division 2 of the Labor Code of California, the governing body of District has ascertained the general

prevailing rate of per diem wages in the locality in which this public work is to be performed for each craft, classification, or type of workmen needed to execute the Contract.

- b. Per diem wages shall be deemed to include employer payments for health and welfare, pension, vacation, travel time and subsistence pay as provided in Labor Code Section 1773.1 apprenticeship or other training programs authorized by Labor Code Section 3093, and similar purposes when the term "per diem wages" is used herein.
- c. Holiday and overtime work when permitted by law shall be paid for at a rate of at least one and one-half times the above specified rate of per them wages, unless otherwise specified.
- d. There shall be paid each worker of the Contractor or any of his subcontractors engaged in work on the Project not less than the prevailing wage rate, regardless of any contractual relationship, which may be alleged to exist between the Contractor or any subcontractors and such workers.
- e. The Contractor shall, as a penalty to the District, forfeit an amount as determined by the Labor Commissioner pursuant to Labor Code Section 1775 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of Industrial Relations for such work or draft in which such worker is employed for any public work done under the Contract by him or by any subcontractor under him. The difference between such prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof, for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by the Contractor.
- f. Copies of the determined prevailing wage rates are on file and available upon request at the District's office. Contractor shall post, at appropriate conspicuous points on the site of the Project, a schedule showing all determined general prevailing wage rates and all authorized deductions, if any, from unpaid wages actually earned.
- g. Any worker employed to perform work on the Project which is not covered by any classification available in the District office, shall be paid not less than the minimum rate of wages specified for the classification which most nearly corresponds with work to be performed by him, and that minimum wage rate shall be retroactive to the time of initial employment of the person in the classification.
- h. A certified copy of all payroll records shall be submitted to the Owner no later than the tenth (10th) day of each month for the immediately preceding month. This submission shall be a condition precedent for payment to the Contractor. Failure to submit payroll records shall be grounds for withholding of payment to Contractor until such submission is made.
- i. The provisions of this subsection shall apply if required for this Project as set forth in the Notice to Contractors and/or Information to Bidders.
 - 1) Pursuant to Labor Code section 1771.7, the District has implemented and shall enforce a Labor Compliance Program (LCP). The Contractor, and any subcontractors, are required to comply with the requirements of the District's LCP. The Contractor hereby expressly agrees to comply with the requirements of the District's LCP at no additional cost to the District.
 - 2) The District's LCP includes, but is not limited to, provisions requiring the Contractor to comply with the prevailing rates of wages and maintenance and submission of weekly certified payroll records as set forth in Articles 19 and 20 of these General Conditions,

employment of apprentices as set forth in Article 21 of these General Conditions, compliance with legal hours of work as set forth in Section Article 22 of these General Conditions, and debarment as set forth in Article 23 of these General Conditions. The District's LCP also requires the Contractor to attend a mandatory pre-construction meeting and allow District representatives to conduct on site interviews of workers to ensure that prevailing wages are being paid. Failure to comply with these provisions or any other provisions of the District's LCP shall result in the withholding of contract payments by the District. The Contractor expressly acknowledges these provisions and agrees to comply with these provisions and any provisions in the District's LCP.

- 3) The Contractor shall include provisions (1) and (2) in this subsection in all subcontracts and require subcontractors to comply with these provisions at no additional cost to the District.

Article 19. RECORD OF WAGES PAID: INSPECTION

Pursuant to Labor Code Section 1776, Contractor stipulates to the following:

- a. Each Contractor and subcontractor shall 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 him or her in connection with the work under this Contract. Such records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information of such forms.
- b. The payroll records enumerated under subdivision (a), above, shall be certified and shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:
 - 1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employees or his or her authorized representative on request.
 - 2) A certified copy of all payroll records enumerated in subdivision (a), above, shall be made available for inspection or furnished upon request to a representative of the District, the Division of Labor Standards Enforcement and Division of Apprenticeship Standards of the Department of Industrial Relations.
 - 3) A certified copy of all payroll records enumerated in subdivision (a), above, shall be made available upon request by the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the District, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided pursuant to paragraph (2), the requesting party shall, prior to being provided the records, reimburse the costs of preparation by the Contractor, subcontractors, and the entity through which the request was made. The public shall not be given access to such records at the principal office of the Contractor.
- c. Contractor shall file a certified copy of the records enumerated in subdivision (a), above, with the entity that requested such records within ten (10) days after receipt of the written request.

- d. Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency, the District, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement 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.
- e. Contractor shall inform the District of the location of the records enumerated under subdivision (a), including the street address, city and county, and shall, within five (5) working days, provide a notice of a change of location and address.
- f. In the event of noncompliance with the requirements of this Article, the Contractor shall have ten (10) calendar days in which to comply subsequent to receipt of written notice specifying in what respects the Contractor must comply with this section. Should noncompliance still be evident after such 10-day period, the Contractor shall pay a penalty of Twenty-five Dollars (\$25.00) to the District for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payment then due.
- g. The responsibility for compliance with this Article shall rest upon the Contractor.

Article 20. APPRENTICES

- a. Contractor and any Subcontractor under them shall comply with the requirement of Sections 1777.5 and 1777.6 of the Labor Code in the employment of apprentices.
- b. Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.
- c. Knowing violations of Section 1777.5 will result in forfeiture not to exceed \$100 for each calendar day of non-compliance pursuant to Section 1777.7.

Article 21. HOURS OF WORK

- a. As provided in Article 3 (commencing at section 1810), chapter 1, part 7, division 2 of the Labor Code, Contractor stipulates that eight (8) hours of labor shall constitute a legal day's work. The time of service of any worker employed at any time by the Contractor or by any subcontractor on any subcontract under this Contract upon the work or upon any part of the work contemplated by this Contract is limited and restricted to eight (8) hours during any one-calendar day and forty (40) hours during any one-calendar week, except as hereinafter provided. Notwithstanding the provisions herein above set forth, work performed by employees of Contractor in excess of eight (8) hours per day, and forty (40) hours during any one week, shall be permitted upon this public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half times the basic rate of pay.
- b. The Contractor and every subcontractor shall keep an accurate record showing the name of and actual hours worked each calendar day and each calendar week by each worker employed by him in connection with the work or any part of the work contemplated by this Contract. The record shall be kept open at all reasonable hours to the inspection of the District and to the Division of Labor Law Enforcement, Department of Industrial Relations of the State of California.

- c. The Contractor shall pay to the District a penalty of twenty-five dollars (\$25) for each worker employed in the execution of this Contract by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day and forty (40) hours in any one calendar week in violation of the provisions of Article 3 (commencing at section 1810), chapter 1, part 7, division 2 of the Labor Code.
- d. Any work necessary to be performed after regular working hours, or on Saturdays and Sundays or other holidays, shall be performed without additional expense to the District.

Article 22. DEBARMENT OF CONTRACTORS AND SUBCONTRACTORS

Contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Section 1777.1 or Section 1777.7 of the California Labor Code. Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid, or may have been paid to a debarred subcontractor by a contractor on the Project shall be returned to the District. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

Article 23. FINGERPRINTING REQUIREMENTS

District Determination of Fingerprinting Requirement Application is set forth in the Special Conditions.

(a) Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility Involving **More than Limited Contact with Students.**

If the District determines based on the totality of the circumstances concerning the Project that the Contractor and Contractor's employees are subject to the requirements of Education Code section 45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have contact other than limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation, or repair of a school facility where the Contractor and/or Contractor's employees will have more than limited contact with students and the services to be provided do not constitute an emergency or exceptional situation. In accordance with Education Code section 45125.2 the Contractor shall, at Contractor's own expense, (a) install a physical barrier to limit contact with students by Contractor and/or Contractor's employees, or (b) provide for the continuous supervision and monitoring of the Contractor and/or Contractor's employees by an employee of the Contractor who has received fingerprint clearance from the California Department of Justice, or (c) provide for the surveillance of the Contractor and Contractor's employees by a District employee.

(b) Contracts for Construction, Reconstruction Rehabilitation or Repair of a School Facility Involving **Only Limited Contact With Students.**

If the District determines based on the totality of the circumstances concerning the Project that the Contractor and Contractor's employees are subject to the requirements of Education Code section

45125.2 pertaining to Contracts for Construction, Reconstruction, Rehabilitation or Repair of a School Facility because they will have only limited contact with pupils, by execution of the Contract, the Contractor acknowledges that Contractor is entering into a contract for the construction, reconstruction, rehabilitation or repair of a school facility involving only limited contact with students. Accordingly, the parties agree that the following conditions apply to any work performed by the Contractor and/or Contractor's employees on a school site: (1) Contractor and/or Contractor's employees shall check in with the school office each day immediately upon arriving at the school site; (2) Contractor and/or Contractor's employees shall inform school office staff of their proposed activities and location at the school site; (3) Once at such location Contractor and/or Contractor's employees shall not change locations without contacting the school office; (4) Contractor and Contractor's employees shall not use student restroom facilities; and (5) If Contractor and/or Contractor's employees find themselves alone with a student, Contractor and Contractor's employees shall immediately contact the school office and request that a member of the school staff be assigned to the work location.

Article 24. NON-DISCRIMINATION

Pursuant to the provisions of Labor Code Section 1735, Contractor and its subcontractor shall not unlawfully discriminate in the employment of persons on this Project because of race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, and sex.

Article 25. OWNER CONTROLLED INSURANCE PROGRAM

District reserves the right pursuant to Government Code Section 4420.5 to use an Owner Controlled Insurance Program. Information regarding utilization of an OCIP is included in the Special Conditions or pursuant to an addendum.

Article 26. WORKERS' COMPENSATION INSURANCE

The Contractor shall provide, during the life of this Contract, workers' compensation insurance for all of the employees engaged in work under this Contract, on or at the site of the Project, and, in case any of his work is sublet, the Contractor shall require the subcontractor similarly to provide workers' compensation insurance for all the latter's employees. Any class of employee or employees not covered by a subcontractor's insurance shall be covered by the Contractor's insurance. In case any class of employees engaged in work under this Contract, on or at the site of the Project, is not protected under the Workers' Compensation Statutes, the Contractor shall provide or shall cause a subcontractor to provide, adequate insurance coverage for the protection of such employees not otherwise protected. The Contractor is required to secure payment of compensation to his employees in accordance with the provisions of Section 3700 of the Labor Code. The Contractor shall file with the District certificates of his insurance protecting workers. Company or companies providing insurance coverage shall be acceptable to the District, if in the form and coverage as set forth in Article 32.

Article 27. EMPLOYER'S LIABILITY INSURANCE

Contractor shall provide during the life of this Contract, Employer's Liability Insurance in the amount of, at least, one million dollars (\$1,000,000.00) per accident for bodily injury and disease. Contractor shall provide District with a certificate of Employer's Liability Insurance. Such insurance shall comply with the provisions of Article 32 below.

Article 28. COMMERCIAL GENERAL LIABILITY AND PROPERTY DAMAGE INSURANCE

a. Contractor shall procure and maintain during the life of this Contract and for such other period as

may be required herein, at its sole expense, such comprehensive general liability insurance or commercial general liability and property damage insurance as shall protect Contractor and the District, the District's Representatives and Agents, from all claims for bodily (personal) injury, including accidental death, as well as claims for property damage arising from operations under this Contract, and other covered loss, however occasioned, occurring during the policy term. Such policy shall comply with all the requirements of this Article, and shall be in the form and amounts as set forth in the Special Conditions hereof. The limits set forth in the Special Conditions shall apply separately to each insured against whom claims are made or suits are brought, except with respect to the limits of liability. Further the limits set forth in the Special Conditions shall not be construed to relieve the Contractor from liability in excess of such coverage, nor shall it limit Contractor's indemnification obligations to the District, and shall not preclude the District from taking such other actions available to the District under other provisions of the Contract Documents or law.

- b. Contractor shall make certain that any and all subcontractors hired by Contractor are insured in accordance with this Contract. If any subcontractor's coverage does not comply with the foregoing provisions, Contractor shall indemnify and hold the District harmless from any damage, loss, cost, or expense, including attorneys' fees, incurred by the District as a result thereof.
- c. Company or companies providing insurance coverage shall be acceptable to the District and authorized to conduct business in the State of California.
- d. All general liability policies provided pursuant to the provisions of this Article shall comply with the provisions of Article 32 below.
- e. All general liability policies shall be written to apply to all bodily injury, including death, property damage, personal injury, owned and non-owned equipment, blanket contractual liability, completed operations liability, explosion, collapse, under-ground excavation, removal of lateral support, and other covered loss, however occasioned, occurring during the policy term, and shall specifically insure the performance by Contractor of that part of the indemnification contained in Article 32 hereof, relating to liability for injury to or death of persons and damage to property. If the coverage contains one or more aggregate limits, a minimum of 50% of any such aggregate limit must remain available at all times; if over 50% of any aggregate limit has been paid or reserved, the District may require additional coverage to be purchased by Contractor to restore the required limits. Contractor may combine primary, umbrella, and as broad as possible excess liability coverage to achieve the total limits indicated above. Any umbrella or excess liability policy shall include the additional insured endorsement described in Article 32 below.

Article 29. AUTOMOBILE LIABILITY INSURANCE

Contractor shall take out and maintain at all times during the term of this Contract Automobile Liability Insurance in the amount set forth in the Special Conditions. Such insurance shall provide coverage for bodily injury and property damage including coverage for non-owned and hired vehicles, in a form and with insurance companies acceptable to the District. Such insurance shall comply with the provisions of Article 32 below.

Article 30. BUILDER'S RISK [FIRE; "ALL RISK"]

- a. It is the Contractor's responsibility to maintain or cause to be maintained Builder's Risk [Fire; "All Risk"] extended coverage insurance on all work, material, equipment, appliances, tools, and structures which are a part of the Contract and subject to loss or damage by fire, and vandalism and malicious mischief, in an amount to cover 100% of the replacement cost. The District accepts

no responsibility until the Contract is formally accepted by the Governing Board for the work. The Contractor is required to file with the District a certificate evidencing fire insurance coverage.

- b. Provide insurance coverage on completed value form, all-risk or special causes of loss coverage.
 - 1) Insurance policies shall be so conditioned as to cover the performance of any extra work performed under the Contract.
 - 2) Coverage shall include all materials stored on site and in transit.
 - 3) Coverage shall include Contractor's tools and equipment.
 - 4) Insurance shall include boiler, machinery and material hoist coverage.
- c. Company or companies providing insurance coverage shall be acceptable to the District and authorized to conduct business in the State of California.
- d. Such insurance shall comply with the provisions of Article 32 below.

Article 31. PROOF OF CARRIAGE OF INSURANCE

- a. Contractor shall, as soon as practicable following the placement of insurance required hereunder, but in no event later than the effective date of the Contract, deliver to the District certificates of insurance evidencing the same, together with appropriate separate endorsements thereto, evidencing that Contractor has obtained such coverage for the period of the Contract. Contractor shall deliver certified copies of the actual insurance policies specified herein, within thirty days after commencement of work. Thereafter, copies of renewal policies, or certificates and appropriate separate endorsements thereof, shall be delivered to the District within thirty (30) calendar days prior to the expiration of the term of any policy required herein. Contractor shall permit the District at all reasonable times to inspect any policies of insurance of Contractor which Contractor has not delivered to the District.
- b. Certificates and insurance policies shall include the following clause:
 - 1) This policy shall not be canceled or reduced in required limits of liability or amounts of insurance until notice has been mailed to the District stating date of cancellation, reduction or other adverse change respecting such insurance. The date of cancellation, reduction or adverse change may not be less than thirty (30) calendar days after date of mailing notice."
- c. Any notice required to be sent pursuant to this section shall be to the District's address as shown in the Notice to Contractors Calling for Bids.
- d. Certificates of insurance shall state in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, and cancellation and reduction notice. All Certificates of Insurance provided by Contractor shall name the District as additional insured.
- e. The coverage afforded by the additional insured endorsement described in paragraph (d) above, shall apply as primary insurance, and any other insurance maintained by the District owner, the members of the District's Board of Education, or its officers, agents, employees and volunteers, or any self-funded program of the District, shall be in excess only and not contributing with such coverage. This coverage must be given via ISO endorsement CG 2010 (11/85 ed.) or insurer's equivalent for coverage as respects: liability arising out of activities performed by or on behalf of the Contractors; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor.

The coverage shall contain no special limitations on the scope of protection afforded to the District, its board of trustees, directors, officers, employees, agents or authorized volunteers.

- f. Insurance carriers shall be qualified to do business in California and maintain an agent for service of process within the State. Such insurance carriers shall have not less than an "A" policy holder's rating and a financial rating of not less than "Class VIII" according to the latest Best's Key Rating Guide unless otherwise approved by the District.
- g. After receiving written Notice of Cancellation of Insurance, Contractor shall have ten (10) calendar days to provide other policies of insurance similar to the canceled policies and acceptable insurance. If such replacement coverage is not provided, the District may secure insurance at the Contractor's expense.
- h. Nothing contained in the insurance requirements shall be construed as limiting the extent of the Contractor's responsibility for payment of damages resulting from operations under this Contract.
- i. Contractor's failure to procure the insurance specified herein, or failure to deliver certified copies or appropriate certificates of such insurance, or failure to make the premium payments required by such insurance, shall constitute a material breach of the Contract, and the District may, at its option, terminate the Contract for any such default by Contractor.
- j. The requirements as to the types and limits of insurance coverage set forth herein and in the Special Conditions to be maintained by the Contractor, and any approval of said insurance by the District or its insurance Contractor(s), are not intended to and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification.
- k. The District shall retain the right at any time to review the coverage, form, and amount of insurance required herein and may require Contractor to obtain insurance reasonably sufficient in coverage, form and amount to provide adequate protection against the kind and extent of risk which exists at the time a change in insurance is required.
- l. All deviations from the contractual insurance requirements stated herein must be approved in writing by the District's risk manager.
- m. Included in any policy or policies of liability insurance provided by Contractor hereunder, except Workers' Compensation Insurance, shall be a standard waiver of rights of subrogation against the District, its Representatives, or Agents, by the insurance company issuing said policy or policies.
- n. If coverage is written on a "claims made" basis, the Certificate of Insurance shall clearly so state. In addition to the coverage requirements specified above, such policy shall provide that:
 - 1) The policy retroactive date coincides with or precedes Contractor's commencement of work under the Contract (including subsequent policies purchased as renewals or replacements).
 - 2) Contractor will make every effort to maintain similar insurance during the required extended period of coverage following expiration of the Contract, including the requirement of adding all additional insureds.
 - 3) If insurance is terminated for any reason, Contractor shall purchase an extended reporting

provision of at least two years to report claims arising in connection with the Contract.

- o. The policy allows for reporting of circumstances or incidents that might give rise to future claims.
- p. Contractor shall notify the District in writing of the amount, if any, of self-insured retention provided under the General Liability coverage, with a maximum limit of \$25,000. The District may approve higher retention amounts, based upon review of documentation submitted by Contractor. Such review shall take into consideration Contractor's net worth and reserves for payment of claims of liability against Contractor, which must be sufficient to adequately compensate for the lack of other insurance coverage required hereunder.

Article 32. THIRD-PARTY CLAIMS

Pursuant to Public Contract Code section 9201, District shall provide Contractor with timely notification of the receipt of any third-party claim, relating to the Contract. District is entitled to recover its reasonable costs incurred in providing such notification.

Article 33. INDEMNIFICATION

The District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof, or for any of the materials or other things used or employed in performing the Work, or for injury or damage to any person or persons, either workers, employees of Contractor or its subcontractors or the public, or for damage to adjoining or other property, from any cause whatsoever arising out of or in connection with the performance of the Work. The Contractor shall be responsible for any damage to adjoining or other property, from any cause whatsoever arising out of or in connection with the performance of the work. The Contractor shall be responsible for any damage or injury to any person or property resulting from defects or obstructions or from any cause whatsoever arising out of or in connection with the performance of the Work; provided, however, that the Contractor shall not be liable for the sole established negligence, willful misconduct or active negligence of the District, its Board members, directors, officers, employees, agents and authorized volunteers who are directly responsible to the District.

- a. Contractor shall indemnify the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers against and will hold and save them and each of them harmless from any and all actions, claims, damages to persons or property, penalties, obligations or liabilities that may be asserted or claimed by any person, firm entity, corporation, political subdivision or other organization arising out of or in connection with the Work, operation or activities of Contractor, its agents, employees, subcontractors or invitees, provided for herein, whether or not there is concurrent passive or active negligence on the part of the District, the District's Representative, or their Board members, directors, officers, employees, agents and authorized volunteers, but excluding such actions, claims, damages to persons or property penalties, obligations or liabilities arising from the sole established negligence, willful misconduct or active negligence of the District, the District's Representative, or those who are directly responsible to them; and in connection therewith:
 - 1) Contractor will defend any action or actions filed in connection with any of said claims, damages, penalties, obligations or liabilities and will pay all costs and expenses, including attorney's fees incurred in connection therewith.
 - 2) Contractor will promptly pay any judgment rendered against Contractor, the District,

the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers covering such claims, damages, penalties, obligations and liabilities arising out of or in connection with such work, operations, or activities of Contractor hereunder and Contractor agrees to save and hold the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers harmless therefrom.

- 3) In the event the District, the District's Representative, and their Board members, directors, officers, employees, agents and authorized volunteers are made a party to any action or proceeding filed or prosecuted against Contractor for such damages or other claims arising out of or in connection with the Work, or operation or activities of Contractor hereunder, Contractor agrees to pay to the District, the District's Representative, the Architect, and their Board members, directors, officers, employees, agents and authorized volunteers any and all costs and expenses incurred by the District, the District's Representative, the Architect, and their Board members, directors, officers, employees, agents and authorized volunteers in such action or proceeding together with reasonable attorney's fees.
- 4) The District may retain, to the extent it deems necessary, the money due to the Contractor under and by virtue of the Contract Documents until disposition has been made of such actions or claims for damages as specified hereinabove.

Article 34. PERSONAL LIABILITY

Neither the District, the District's Representative, nor any other director, officer or authorized assistant or agent of the District or the District's Representative shall be personally responsible for any liability arising under the Contract.

Article 35. LAWS AND REGULATIONS

- a. Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on conduct of work as indicated and specified. If Contractor observes that drawings and specifications are at variance therewith, he shall promptly notify the Owner in writing and any necessary changes shall be adjusted as provided for in this Contract for changes in work. If Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall bear all costs arising therefrom.
- b. Contractor shall be responsible for familiarity with the Americans with Disabilities Act ("ADA") (42 USC §12101 et seq.). Installations of equipment and other devices shall be in compliance with ADA regulations.

Article 36. PERMITS AND LICENSES

Permits and licenses necessary for prosecution of work shall be secured and paid for by Contractor, unless otherwise specified.

Article 37. PATENTS, ROYALTIES, AND INDEMNITIES

The Contractor shall indemnify, defend and hold harmless the District and its Board Members, officers, agents, and employees harmless from liability of any nature or kind, including cost and expense, for or on account of any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of this Contract, including its use by the District, unless otherwise specifically stipulated in the Contract Documents.

Article 38. MATERIALS

- a. Except as otherwise specifically stated in this Contract, Contractor shall provide and pay for all materials, labor, tools, equipment, water, lights, power, transportation, superintendence, temporary constructions of every nature, and all other services and facilities of every nature whatsoever necessary to execute and complete this Contract within specified time.
- b. Unless otherwise specified, all materials shall be new and the best of their respective kinds and grades as noted and/or specified, and workmanship shall be of good quality.
- c. Materials shall be furnished in ample quantities and at such times as to insure uninterrupted progress of work and shall be stored properly and protected as required. Contractor shall be entirely responsible for damage or loss by weather or other causes to materials or work under this Contract.
- d. No materials, supplies, or equipment for work under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale or other agreement by which an interest therein or in any part thereof is retained by seller or supplier. Contractor warrants good title to all material, supplies, and equipment installed or incorporated in work and agrees upon completion of all work to deliver premises, together with all improvements and appurtenances constructed or placed thereon by him, to the District free from any claims, liens, or charges. He further agrees that neither he nor any person, firm, or corporation furnishing any materials or labor for any work covered by this Contract shall have any right to lien upon premises or any improvement or appurtenance thereon, except that Contractor may install metering devices or other equipment of utility companies or of political subdivisions title to which is commonly retained by utility company or political subdivision. In event of installation of any such metering device or equipment, Contractor shall advise the District as to the owner thereof. Nothing contained in this Article, however, shall defeat or impair right of persons furnishing material or labor under any bond given by Contractor for their protection or any rights under any law permitting such persons to look to funds due Contractor in hands of the District, and this provision shall be inserted in all subcontracts and material contracts and notice of its provisions shall be given to all persons furnishing material for work when no formal contract is entered into for such material.
- e. Materials shall be stored on the premises in such manner so as not to interfere with the work and so that no portion of the structure shall be overloaded.
- f. Materials or work required or necessary to be tested shall be tested under supervision of, as directed by and at such places as may be convenient to the District and/or the District's Representatives. The required testing of all structural materials shall be done by an approved testing laboratory as pursuant to Article 69, herein.

Article 39. SUBSTITUTIONS

- a. For purposes of this provision the term "substitution" shall mean the substitution of any material, process or article that is substantially equal or better in every respect to that so indicated or specified in the specifications.
- b. Whenever in specifications any material, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such specifications shall be deemed to be used for the purpose of facilitating the description of the material, process or article desired and shall be

deemed to be followed by words "or equal." Bidders may, unless otherwise stated, offer for substitution any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified. If any material, process or article offered for substitution by bidders is not, in the opinion of the District, substantially equal or better in every respect to that specified, bidders shall furnish the material, process or article specified. The burden of proof as to the equality of any material, process or article shall rest with the bidders. In addition, pursuant to the provisions of Public Contract Code section 3400 (b), the District has made findings that some particular materials, products, things or services, that are designated by specific brand or trade name are required in order to match other products in use. Such Materials, products, things or services are listed in the Special Conditions.

- c. Bidders shall submit requests together with substantiating data for substitution of any "or equal" material, process or article no later than five (5) calendar days prior to the bid opening. Provisions authorizing submission of "or equal" substitution justification data shall not in any way authorize an extension of time for performance of this Contract. Furthermore, if a proposed "or equal" substitution request is rejected, a bidder shall be responsible for including the specified material, process or article in its bid. The District shall not be responsible for any costs of bidders associated with "or equal" substitution requests. The District has the complete and sole discretion to determine if a material, process or article is an "or equal" material, process or article that may be substituted.
- d. For purposes of subdivision (c) above, data required to substantiate requests for substitutions of an "or equal" material, process or article data shall include a signed affidavit from the Contractor stating that the substituted "or equal" material, process or article is equivalent to that specified in the specification in every way except as listed on the affidavit. Substantiating data shall also include any and all illustrations, specifications, and other relevant data including catalogue information which describes the requested substituted "or equal" material, process or article and substantiates that it is an "or equal" to the material process or article specified. In addition, the submittal documentation must also include a statement of the cost implications of the substitution being requested stating whether and why the substitution of the "or equal" material, process or article will reduce or increase the Contract Price. The substantiating data must also include information regarding the durability and lifecycle cost of the requested substituted "or equal" material, process or article. Failure to submit all the needed substantiating data, including the signed affidavit, to the Owner in a timely fashion so that the substitution can be adequately reviewed may result in the rejection of the proposed substitution. The Owner is not obligated to review multiple substitution submittals for the same product or item due to the Contractor's failure to submit a complete package initially.
- e. Time limitations in this Article must be complied with strictly and in no case will an extension of time for completion be granted because of Contractor's failure to request the substitution of an alternative item at the times and manner set forth herein in subdivision (c). Further, the Contractor shall bear the costs of all engineering work associated with the review of submittals for substitution of equals.
- f. In event Contractor furnishes material, process, or article more expensive than that specified, the difference in cost of such material, process, or article so furnished shall be borne by Contractor.

Article 40. SHOP DRAWINGS

- a. Contractor shall check and verify all field measurements and shall submit with such promptness as to cause no delay in his own work or in that of any other contractor, subcontractor, other independent contractor or worker on the Project, three (3) copies of all shop or setting drawings, schedules, and materials list, and all other submittals in accordance with other provisions of the Contract required for the work of various trades. Contractor shall sign all submittals affirming that submittals have been reviewed and approved by Contractor prior to submission to Owner. Each

signed submittal shall affirm that the submittal meets all the requirements of the Contract Documents except as specifically and clearly noted and listed on the cover sheet of the submittal.

Article 41. SUBMITTALS

- a. Contractor shall furnish for approval, within ten (10) calendar days from the work commencement date stated in the notice to proceed a log of all samples, material lists and certifications, schedules, and other submittals, as required in specifications. Such log shall indicate whether samples will be provided as specified and in accordance with other provisions of this Contract.
- b. Contractor will provide samples and submittals, together with catalogs and supporting data required by the Owner within a reasonable time period so as not to cause delays on the Project.
- c. This provision shall not authorize any extension of time for performance of this Contract. Architect will check and approve such samples, only for conformance with design concept of work and for compliance with information given in the Contract Documents. Work shall be in accordance with approved samples. Owner's action will be taken within five (5) calendar days after receiving such samples and submittals. If in the Architect's professional judgment five (5) calendar days is an insufficient amount of time to permit adequate review, Architect shall, within the initial five (5) calendar days period, notify the Contractor, with a copy to the Inspector and the District, of the amount of time that will be required to respond.
- d. If the Owner's response results in a change in the Project, then such change shall be effected by a written change order.

Article 42. COST BREAKDOWN AND PERIODICAL ESTIMATES

- a. Contractor shall furnish, for District acceptance and approval, on forms approved by the District:
 - 1) Within five (5) calendar days of award of Contract a detailed estimate giving a complete breakdown of Contract Price; and
 - 2) Within five (5) calendar days of request by the District, a schedule of estimated monthly payments which shall be due him under the Contract.
- b. Values employed in making up any of these schedules will be used for determining basis of partial payments.

Article 43. PAYMENTS

- a. Each month within thirty (30) calendar days after receipt of an undisputed and properly submitted payment request, there shall be paid to Contractor a sum equal to ninety five percent (95%) of the value of work performed up to the last day of the previous month, less the aggregate of previous payments. Monthly payments shall be made only on the basis of monthly estimates, which shall be prepared by Contractor on a form approved by the District and filed with the District before the fifth day of the month during which payment is to be made. Work completed as estimated shall be an estimate only and no inaccuracy or error in said estimate shall operate to release Contractor or any bondsman from damages arising from such work or from enforcing each and every provision of this Contract and the District shall have the right subsequently to correct any error made in any estimate for payment. Contractor shall not be entitled to have any payment estimates processed or be entitled to have any payment made for work performed so long as any

lawful or proper direction concerning work, or any portion thereof given by the District shall remain uncomplished with.

- b. The final payment of five percent (5%) of the value of work done under this Contract, if unencumbered, shall be made within thirty (30) calendar days after the date of completion of the work, provided however, that in the event of a dispute between the District and the Contractor, the District may withhold from the final payment an amount not to exceed one hundred and fifty percent (150%) of the disputed amount. Completion means any of the following as provided by Public Contract Code section 7107:
 - 1) The occupation, beneficial use, and enjoyment of a work of improvement, excluding any operation only for testing, startup, or commissioning, by the public agency, or its agent, accompanied by cessation of labor on the work of improvement.
 - 2) The acceptance by the public agency, or its agent, or the work of improvement.
 - 3) After the commencement of a work of improvement, a cessation of labor on the work of improvement for a continuous period of 100 calendar days or more, due to factors beyond the control of the Contractor.
 - 4) After the commencement of a work of improvement, a cessation of labor on the work of improvement for a continuous period of 30 calendar days or more, if the public agency files for record a notice of cessation or a notice of completion.
- c. This Contract is subject to the provisions of Public Contract Code section 7107.
- d. For purposes of this Contract, the acceptance by the District means acceptance made only by an action of the governing body of the District in session. Acceptance by Contractor of said final payment shall constitute a waiver of all claims against the District arising from this Contract. At any time after fifty percent (50%) of the work has been completed, if the District, by action of its governing body, finds that satisfactory progress is being made, the District may make any of the remaining payments in full for actual work completed or may withhold any amount up to ten percent (10%) thereof as the District may find appropriate based on the Contractor's progress.
- e. **Final Payment.** The District shall, after the satisfactory completion of the work, make a final estimate of the amount of Work done thereunder and the value of said work, and the District shall pay the entire sum so found to be due after deduction therefrom all previous payments and all amounts to be retained under the provisions of the Contract Documents, provided that a release of liens and claims has been received from the Contractor pursuant to Civil Code Section 3262. All prior partial estimates and payments shall be subject to correction in the final estimate and payment. The final payment shall not be due and payable until the expiration of thirty-five (35) calendar days from the date of acceptance of the work by the District, which acceptance shall be by formal action of the Board of Education.
- f. The provisions of this subsection shall apply if required for this Project as set forth in the Notice to Contractors and/or Information to Bidders.
 - 1) Prior to, and as a condition precedent for final payment, Contractor shall provide the Owner with written documentation identifying the amount paid to Disabled Veteran Business Enterprises (DVBE), and shall submit the certification letter issued by the Office of Small Business Certification and Resources verifying the DVBE status of the subject subcontractors. This documentation is required regardless of whether DVBE

subcontractors were utilized in the performance of the Contract.]

- a) No certificate given or payments made under the Contract, except the final certificate or final payment shall be evidence of the performance of the Contract, either wholly or in part, and no payment shall be construed to be an acceptance of any defective work or improper materials.
- g. Whenever any part of the work 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 a part thereof. When so used, maintenance and repairs due to ordinary wear and tear or vandalism will be made at District's expense. The use by the District as contemplated in this section shall in no case be construed as constituting acceptance of the work or any part thereof. Such use shall neither relieve the Contractor of any of his responsibilities under the Contract nor act as a waiver by the District of any of the conditions thereof. Contractor shall continue to maintain all insurance, including Builder's Risk insurance, on the Project.

Article 44. PAYMENTS WITHHELD

- a. In addition to amounts which the District may retain under any and all other Articles in this Contract including those entitled "Payments," and "Time for Completion and Liquidated Damages," the District may withhold a sufficient amount or amounts of any payment or payments otherwise due to Contractor, as in his judgment may be necessary to cover:
 - 1) Payments which may be past due and payable for just claims against Contractor or any subcontractors for labor or materials furnished in and about the performance of work on the Project under this Contract.
 - 2) Defective work not remedied.
 - 3) Failure of Contractor to make proper payments to his subcontractor or for material or labor.
 - 4) Completion of the Contract if there exists a reasonable doubt that the work can be completed for balance then unpaid.
 - 5) Damage to another Contractor.
 - 6) Amounts which may be due the District for just claims against Contractor.
 - 7) Failure of Contractor to keep the record ("as-built") drawings up to date.
 - 8) Failure to provide update on construction schedule as required by Article 9 hereof. When the above grounds are removed, payment shall be made for amounts withheld because of them.
 - 9) Site clean up.
- b. The District may apply such withheld amount or amounts to payment of such claims or obligations at its discretion. In so doing, the District shall be deemed the agent of Contractor and any payment so made by the District shall be considered as a payment made under contract by the District to Contractor and the District shall not be liable to Contractor for such payments made in good faith. Such payments may be made without prior judicial determination of claim or obligations. The

District will render Contractor a proper accounting of such funds disbursed on behalf of Contractor.

Article 45. CHANGES AND EXTRA WORK

- a. **Changes In Work.** The District, without invalidating the Contract, and as provided by law, may order extra work or make changes by altering, adding to, or deducting from work, the Contract sum being adjusted accordingly. All such work shall be subject to prevailing wage rates and shall be executed under the conditions of the original contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

- b. In giving instructions, Contractor agrees that the Owner shall have authority to make minor changes in work, not involving change in cost, and not inconsistent with the purposes or approvals of the Project. Otherwise, except in an emergency endangering life or property, no extra work or change shall be made unless pursuant to a written order from the District, and no claim for an addition to the Contract sum shall be valid unless so ordered. If the Contractor is delayed in completing the work by reason of any change made pursuant to this Article, the time for completion of the Work shall be extended by change order for a period commensurate with such delay. The Contractor shall not be subject to any claim for liquidated damages for this period of time.

- c. **Unforeseen Conditions.** Contractor shall provide the District with notice of unforeseen conditions immediately upon discovery of such conditions.

- d. Value of any such extra work, change, or deduction shall be determined at the discretion of the District in one or more of the following ways:
 - 1) By acceptable lump sum proposal from Contractor with itemization as required by the District.
 - 2) By unit prices contained in Contractor's original bid and incorporated in the Contract Documents or fixed by subsequent agreement between the District and Contractor.
 - 3) By the actual cost of material and labor and a percentage for overhead and profit. The following form shall be followed as applicable for additions and deductions to the Contract:

	EXTRA	<CREDIT>
(a) Material (attach itemized quantity and unit cost plus sales tax)	_____	_____
(b) Labor (attach itemized hours and base rates from identified prevailing wage rate schedules)		
 - 4)

(c) Commercial General Liability and Property Damage Insurance, Workers' Compensation Insurance, Social Security and Unemployment taxes at actual and verified cost **(Do not include this amount of OCIP is in place.)**

_____	_____
_____	_____

(d) Subtotal

_____	_____
-------	-------

(e) Subcontractor's overhead and profit as defined in Section 49 (h), below, not to exceed 15% of Item (d) (if applicable)

_____	_____
-------	-------

(f) Subtotal

_____	_____
-------	-------

(g) Contractor's Overhead and Profit, as defined in Section 49 (h), below, not to exceed 5% of Item (f) for work performed by subcontractor, or 15% if performed by Contractor

_____	_____
-------	-------

(h) Subtotal

_____	_____
-------	-------

(i) Bond Premium, note to exceed 1% of Item (h)

_____	_____
-------	-------

(j) Total

_____	_____
-------	-------

e. Regardless of whether the cost of the change order is determined pursuant to 1, 2, or 3, above, in addition to the cost of the material and labor for deleted items, Contractor shall credit back overhead mark-up and the bonding mark up for deleted items at the time of the request for changes and extra work.

f. Should Contractor claim that any instruction, request, drawing, specification, action, condition, omission, default, or other situation (i) obligates the District to pay additional compensation to the Contractor; or (ii) obligates the District to grant an extension of time for the completion of the Contract; or (iii) constitutes a waiver of any provision in the Contract, CONTRACTOR SHALL NOTIFY THE DISTRICT, IN WRITING, OF SUCH CLAIM AS SOON AS POSSIBLE, BUT IN NO EVENT WITHIN MORE THAN FIVE (5) WORKING DAYS FROM THE DATE CONTRACTOR HAS ACTUAL OR CONSTRUCTIVE NOTICE OF THE CLAIM. CONTRACTOR SHALL ALSO PROVIDE DISTRICT WITH SUFFICIENT WRITTEN DOCUMENTATION SUPPORTING THE FACTUAL BASIS OF THE CLAIM including in the documentation items D(3)a-j described in this Article 49 above. Contractor shall be required to certify under penalty of perjury the validity and accuracy of any claims submitted. The Contractor's failure to notify the District within such five (5) working day period shall be deemed a waiver and relinquishment of the claim against the District. If such notice be given within the specified time, the procedure for its consideration shall be as stated above in this Article.

g. All costs associated with the change are to be included in the change order proposal to the District. Costs may be in terms of time, money or both.

h. **Overhead and Profit.** The term "overhead and profit" for the Contractor and any subcontractors shall be considered to include insurance other than mentioned in Section 49 (d) above, field and office supervisors and assistants, watchman, use of small tools, consumables, and general field

and home office expenses, and no separate allowance will be made therefore.

Article 46. DEDUCTIONS FOR UNCORRECTED WORK

If the District deems it inexpedient to correct work injured or not done in accordance with the Contract, an equitable deduction from the Contract Price shall be made therefore.

Article 47. PAYMENTS BY CONTRACTOR

Contractor shall pay:

- a. For all transportation and utility services not later than the 20th day of the calendar month following that in which such services are rendered,
- b. For all materials, tools, and other expendable equipment to the extent of ninety percent (90%) of cost thereof, not later than the 20th day of the calendar month following that in which such materials, tools, and equipment are delivered at site of Project and balance of cost thereof not later than the 30th day following completion of that part of work in or on which such materials, tools, and equipment are incorporated or used, and
- c. To each of his subcontractors, not later than the 7th day following each payment to Contractor, the respective amounts allowed Contractor on account of work performed by respective subcontractor to the extent of such subcontractor's interest therein.

Article 48. CONTRACTOR'S SUPERVISION

- a. Unless personally present on the premises where work is being done, Contractor shall keep on the work, during its progress, a competent full-time job (project) superintendent satisfactory to the District. The job superintendent shall not be changed except with consent of the District unless the job superintendent proves to be unsatisfactory to Contractor and ceases to be in his employ. The job superintendent shall represent Contractor in his absence and all directions given to him shall be as binding as if given to Contractor. Other directions shall be so confirmed on written request in each case.
- b. Contractor shall give efficient supervision to work, using his best skill and attention to control safety and job coordination. He shall carefully study and compare all drawings, specifications, and other instructions and shall at once report to the District of any error, inconsistency or omission which he may discover.

Article 49. DISTRICT'S INSPECTOR

- a. One or more Inspectors employed by District in accordance with requirements of Title 21 of the California Code of Regulations will be assigned to the work. The Inspectors duties are specifically defined in Title 21, Section 42 of the California Code of Regulations.
- b. Inspector shall have access to all plant operations involving work under this Contract and shall be provided reasonable advance notice of the time and place of operations, which the Inspector desires to observe. Inspector shall be provided with all necessary samples of materials and work for testing purposes. All work shall be under the observation of said Inspector. He shall have free access to any or all parts of work at any time. Contractor shall furnish Inspector reasonable facilities for obtaining such information as may be necessary to keep him fully informed respecting progress and manner of work and character of materials. Inspection of work shall not

relieve Contractor from any obligation to fulfill this Contract. Inspector or the Architect shall have authority to stop work whenever the provisions of the Contract Documents are not being complied with and Contractor shall instruct his employees accordingly.

Article 50. INSPECTOR'S FIELD OFFICE

- a. Contractor shall provide for the use of the Inspector a separate trailer or temporary private office of not less than seventy-five square feet of floor area to be located as directed by the Inspector and to be maintained until removal is authorized by the District or the District's Representative. The Office shall be of substantial waterproof construction with adequate natural light and ventilation by means of stock design windows. Door shall have a key-type lock or padlock hasp. The Inspector's field office shall have heating and air-conditioning and shall be equipped with a telephone, a telephone answering machine, and a fax machine at Contractor's expense.
- b. A table satisfactory for the study of plans and two chairs shall be provided by Contractor. Contractor shall provide and pay for adequate electric lights, local telephone service, and adequate heat and air conditioning for the field office until authorized removal.
- c. The provisions of this section are intended to be complementary to any requirements provided elsewhere in these Contract Documents, however in the event of conflicts between this section and other provisions of these Contract Documents, this section shall prevail.

Article 51. DOCUMENTS ON WORK

- a. Contractor shall keep one copy of all Contract Documents, including addenda, change orders, Division I, Title 21 of the California Code of Regulations (Building Standards Administrative Code), Title 24 of the California Code of Regulations, and the prevailing wage rates applicable at the time of the Contract, and any other laws, rules or regulations governing building standards for public school construction, which by this reference is a part of the Contract Documents, on job at all times. Said documents shall be kept in good order and available to the District. Contractor shall be acquainted with and comply with the provisions of said these laws, rules or regulations as they relate to this Project. (See particularly Duties of the Contractor, Titles 21 California Code of Regulations, section 43.) Contractor shall also be acquainted with and comply with all California Code of Regulations provisions relating to this Project, particularly Titles 17, 19, 21 and 24.)
- b. Contractor shall also make available all books, records, accounts, contracts, bids, etc. upon request of the District.

Article 52. RECORD ("AS BUILT") DRAWINGS

- a. Contractor shall maintain a clean, undamaged set of contract drawings and shop drawings. In addition to maintaining one complete set of record drawings (herein referred to as "as-builts"), Contractor shall require each trade to do its own as-builts. The trade as-builts shall contain information showing clean and clear drawings with horizontal and vertical controls suitable for conversion to electronic media. Graphic quality must be equal to clean and clear original drawings. Adequacy of the drawings shall be determined by the District's representative. Contractor shall mark the set to show the actual installation where the installation varies from the work as originally shown. Contractor shall mark whichever drawings are most capable of showing conditions fully and accurately where shop drawings are used, record a cross-reference at the corresponding location on the contract drawings. Contractor shall give particular attention to concealed elements that would be difficult to measure and record at a later date. Contractor shall use colors to distinguish variations in separate categories of the work.

- b. Contractor shall note related change order numbers where applicable. Contractor shall organize record drawings sheets into manageable sets, bound with durable paper cover sheets and shall print suitable title, dates and other identification on the cover of each set.
- c. At the end of the Project, the Contractor shall provide the District Representative with two complete sets of as-built drawings. The complete sets shall contain information showing clean and clear drawings with horizontal and vertical controls suitable for conversion to electronic media. Graphic quality must be equal to clean and clear original drawings; adequacy of the drawings shall be determined by the District's representative or architect. The as-builts must show the entire site for each major trade, including but not limited to water, sewer, electrical, data, telephone, cable, fire alarm, gas and plumbing.

Article 53. UTILITY USAGE

- a. All temporary utilities, including but not limited to electricity, water, gas, and telephone used on work shall be furnished and paid for by Contractor. Contractor shall furnish and install necessary temporary distribution systems, including meters, if necessary, from distribution points to points on site where utility is necessary to carry on the work. Upon completion of work, Contractor shall remove all temporary distribution systems.
- b. Contractor shall provide necessary and adequate utilities and pay all costs for water, electricity, gas, oil, and sewer charges required for completion of the Project.
- c. All permanent meters installed shall be listed in the Contractor's name until completion occurs, as defined in Article 6 hereof, at which time further pro-rating will be determined if necessary. When the District begins using the Project, charges over and above power actually used for construction will be the responsibility of the District.
- d. If the Contract is for construction in existing facilities, Contractor may, with written permission of the District, use the District's existing utilities by making prearranged payments to the District for utilities used by Contractor for construction.

Article 54. PROTECTION OF WORK AND PROPERTY

- a. The Contractor shall be responsible for all damages to persons or property that occur as a result of his fault or negligence in connection with the prosecution of this Contract. Contractor shall be responsible for the proper care and protection of all materials delivered and work performed until completion and final acceptance by the District. All work shall be solely at the Contractor's risk. Contractor shall adequately protect adjacent property from settlement or loss of lateral support as provided by law and the Contract Documents. Contractor shall take all necessary precautions for the safety of employees on the Project and shall comply with all applicable safety laws and building codes to prevent accidents or injury to persons on, about, or adjacent to premises where work is being performed. Contractor shall erect and properly maintain at all times, as required by conditions and progress of work, all necessary safeguards, signs, barriers, lights, and watchmen for protection of workers and the public and shall post danger signs warning against hazards created by such features in the course of construction. Contractor shall designate a responsible member of his organization on the work, whose duty shall be prevention of accidents. The name and position of the person so designated shall be reported to the District and to the Architect by Contractor.
- b. In an emergency affecting safety of life or of work or of adjoining property, Contractor, without

special instruction or authorization from either the District, is hereby permitted to act, at his discretion, to prevent such threatened loss or injury, and he shall so act, without appeal, if so authorized or instructed by the District. Any compensation claimed by Contractor on account of emergency work shall be determined by agreement.

- c. Contractor shall provide such heat, covering, and enclosures as are necessary to protect all work, materials, equipment, appliances, and tools against damage by weather conditions.
- d. Contractor shall take adequate precautions to protect existing sidewalks, curbs, pavements, utilities, adjoining property, and structures, and to avoid damage thereto, and repair any damage thereto caused by construction operations. Contractor shall:
 - 1) Enclose working area with a substantial barricade, arrange work to cause minimum amount of inconvenience and danger to students and faculty in their regular school activities, and perform work which may interfere with school routine before or after school hours. (This subsection applies to construction on existing school sites.)
 - 2) Provide substantial barricades around any shrubs or trees indicated to be preserved.
 - 3) Deliver materials to the building area over a route designated by the District.

Article 55. CUTTING AND PATCHING

- a. Contractor shall do all cutting, fitting, or patching of work as required to make its several parts come together properly and fit it to receive or be received by work of other contractors showing upon, or reasonably implied by, the drawings and specifications for the completed structure. Contractor shall make good after them as the Owner may direct.
- b. All cost caused by defective or ill-timed work shall be borne by party responsible therefore.
- c. Contractor shall not endanger any work by cutting, excavating, or otherwise altering work and shall not cut or alter work of any other contractor save with written consent of the District.

Article 56. CLEANING UP

- a. Contractor at all times shall keep premises free from debris such as waste, rubbish, and excess materials and equipment caused by this work. Contractor shall not leave debris under, in, or about the premises. Upon completion of work, Contractor shall clean the interior and exterior of the building or improvement including fixtures, equipment, walls, floors, ceilings, roofs, window sills and ledges, horizontal projections, and any areas where debris has collected so surfaces are free from foreign material or discoloration. Contractor shall clean and polish all glass, plumbing fixtures, and finish hardware and similar finish surfaces and equipment and Contractor shall also remove temporary fencing, barricades, planking and construction toilet and similar temporary facilities from site. Contractor shall also clean all buildings, asphalt and concrete areas to the degree necessary to remove oil, grease, fuel, or other stains caused by Contractor operations or equipment.
- b. If the Contractor fails to clean up at the completion of the Work, the District may do so and the cost of such clean up shall be charged back to the Contractor.

Article 57. CORRECTION OF WORK BEFORE FINAL PAYMENT

- a. Contractor shall promptly remove from the premises all work condemned by the District as failing to conform to the Contract, whether incorporated or not. Contractor shall promptly replace and re-execute his own work to comply with the Contract Documents without additional expense to the District and shall bear the expense of making good all work of other contractors destroyed or damaged by such removal or replacement.
- b. If Contractor does not remove such condemned work within a reasonable time, fixed by written notice, the District may remove it and may store the material at Contractor's expense. If Contractor does not pay expenses of such removal within ten (10) calendar days' time thereafter, the District may, upon ten (10) calendar days' written notice, sell such materials at auction or at private sale and shall account for net proceeds thereof, after deducting all costs and expenses that should have been borne by Contractor.

Article 58. ACCESS TO WORK

The District and its Representatives shall at all times have access to work wherever it is in preparation or progress. Contractor shall provide safe and proper facilities for such access so that The District's Representatives may perform their functions under contract.

Article 59. OCCUPANCY

The District reserves the right to occupy buildings at any time before completion, and such occupancy shall not constitute final acceptance of any part of work covered by this Contract.

Article 60. TESTS AND INSPECTIONS

- a. If the Contract, the District's instructions, laws, ordinances, or any public authority require any work to be specially tested or approved, Contractor shall give notice in accordance with such authority of its readiness for observation or inspection at least two (2) working days prior to being tested or covered up. If inspection is by a public authority other than the District, Contractor shall inform the District of date fixed for such inspection. Observations by the District shall be promptly made and where practicable at source of supply. If any work should be covered up without approval or consent of the District, it must, if required by the District be uncovered for examination and satisfactorily reconstructed at Contractor's expense in compliance with the Contract.
- b. Where such inspection and testing are to be conducted by an independent laboratory or agency, such materials or samples of materials to be tested shall be selected by such laboratory or agency, or the District's representative, and not by Contractor. All test or inspections of materials shall be made in accordance with the commonly recognized standards of national organizations.
- c. In advance of manufacture of materials to be supplied by Contractor under the Contract, which by the terms of the Contract must be tested, Contractor shall notify the District and the Architect in advance so that the District and its Representatives may arrange for testing of same at the source of supply. Any materials shipped by Contractor from the source of supply prior to having satisfactorily passed such testing and inspection, or prior to receipt of notice from the District's Representative that such testing and inspection will not be required, shall not be incorporated into the work without the prior approval of the District or its Representatives and subsequent testing and inspection.

- d. Reexamination of questioned work may be ordered by the District or its Representatives. If so ordered, work must be uncovered by Contractor. If such work is found to be in accordance with the Contract Documents, the District shall pay the costs of reexamination and replacement. If such work be found not to be in accordance with the Contract Documents, Contractor shall pay such costs.

Article 61. PROVISIONS REQUIRED BY LAW DEEMED INSERTED

Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and the Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon application of either party, the Contract shall forthwith be physically amended to make such insertion or correction.

Article 62. LABOR/EMPLOYMENT SAFETY

The Contractor shall maintain emergency first aid treatment for his employees which complies with the Federal Occupational Safety and Health Act of 1970 (29 USC, section 651 et seq.), and California Code of Regulations, Title 8, Industrial Relations Division 1, Department of Industrial Relations, Chapter 4.

Article 63. ASSIGNMENT OF ANTITRUST ACTIONS

Pursuant to Section 7103.5 of the Public Contract Code, in entering into a public works contract or subcontract to supply goods, services, or materials pursuant to a public works contract, Contractor or subcontractor offers and agrees to assign to the District all rights, title, and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 USC, section 15) or under the Cartwright Act (chapter 2 (commencing with section 16700) of part 2 of division 7 of the Business and Professions Code), arising from the purchase of goods, services, or materials pursuant to this Contract or any subcontract. This assignment shall be made and become effective at the time the District tenders final payment to the Contractor, without further acknowledgment by the parties.

Article 64. SUBSTITUTION OF SECURITY

In accordance with Public Contract Code Section 22300, the District will permit the substitution of securities for any moneys withheld by the District to ensure performance under the Contract. At the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the District, or with a state or federally chartered bank as the escrow agent, who shall then pay such moneys to the Contractor. Upon satisfactory completion of the Contract, the securities shall be returned to the Contractor.

Article 65. COMPLIANCE WITH STATE STORM WATER PERMIT FOR CONSTRUCTION

- a. Contractor shall be required to comply with all conditions of the State Water Resources Control Board (State Water Board) National Pollutant Discharge Elimination System General Permit for Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activity ("Permit") for all construction activity which results in the disturbance of in excess of five acres of total land area or which is part of a larger common area of development or sale. Contractor shall be responsible for filing the Notice of Intent and for obtaining the Permit. Contractor shall be solely responsible for preparing and implementing a Storm Water Pollution Prevention Plan ("SWPPP") prior to initiating Work. In bidding on this Contract, it shall be Contractor's responsibility to evaluate the cost of procuring the Permit and preparing the SWPPP as well as complying with the SWPPP and any necessary revision to the SWPPP. Contractor shall

comply with all requirements of the State Water Resources Control Board. Contractor shall include all costs of compliance with specified requirements in the Contract amount.

- b. Contractor shall be responsible for procuring, implementing and complying with the provisions of the Permit and the SWPPP, including the standard provisions, monitoring and reporting requirements as required by the Permit. Contractor shall provide copies of all reports and monitoring information to the District.
- c. Contractor shall comply with the lawful requirements of any applicable municipality, the County, drainage district, and other local agencies regarding discharges of storm water to separate storm drain system or other watercourses under their jurisdiction, including applicable requirements in municipal storm water management programs.

Article 66. RESOLUTION OF CONSTRUCTION CLAIMS

a. The following shall be applicable to all Claims:

- 1) **Definition of Claim:** A "Claim" means a separate demand by the Contractor for (a) time extension, (b) payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (c) an amount the payment of which is disputed by the District.
- 2) **Filing Claim is Not Basis To Discontinue Work:** The Contractor shall promptly comply with work under the Contract or work requested by the District even though a written claim has been filed. The Contractor and the District shall make good faith efforts to resolve any and all claims that may arise during the performance of the work covered by this Contract.

b. Procedure for Claims \$375,000 and Under:

- 1) Any formal claim of \$375,000 and under shall be processed as follows in accordance with Public Contract Code Section 20104 *et. seq.*:
 - (a) Claims less than \$50,000 For claims less than Fifty Thousand Dollars (\$50,000.00), the District shall respond in writing to any written claim within forty-five (45) days of receipt of the claim, or may request, in writing, within thirty (30) days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim that the District may have against the Contractor. If additional information is thereafter required, it shall be requested and provided upon mutual agreement of the District and the Contractor. The written response of the District to the claim, as further documented, shall be submitted to Contractor within fifteen (15) days after receipt of the further documentation or within a period of time no greater than that taken by Contractor in producing the additional information, whichever is greater.
 - (b) Claims in Excess of \$50,000 For claims over Fifty Thousand Dollars (\$50,000.00), and less than or equal to Three Hundred Seventy-five Thousand Dollars (\$375,000.00), the District shall respond in writing to all written claims within sixty (60) days of receipt of the claim, or may request, in writing, within thirty (30) days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim that the District may have against the Contractor. If additional information is thereafter required, it shall be requested and provided

by mutual agreement of the District and the Contractor. The written response of the District to the claim, as further documented, shall be submitted to the Contractor within thirty (30) days after receipt of the further documentation, or within a period of time no greater than that taken by Contractor in producing the additional information or requested documentation, whichever is greater.

- 2) Informal Meet and Confer Conference: If Contractor disputes the written response of the District, or the District fails to respond within the time prescribed, Contractor may so notify the District, in writing, either within fifteen (15) days of receipt of the District's response or within fifteen (15) days of the failure of the District to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the District shall schedule a meet and confer conference within thirty (30) days for settlement of the dispute.
- 3) Tort Claim: If following the meet and confer conference the claim or any portion remains in dispute, the claimant may file a claim pursuant to Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of the Title 1 of the California Government Code. For purposes of those provision, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his/her written claim until the time the claim is denied, including any period of time utilized by the meet and confer conference.

c. Procedures for Civil Actions to Resolve Disputed Claims:

- 1) Non-binding Mediation: Within sixty (60) days, but no earlier than thirty (30) days, following the filing of a responsive pleading, the court shall submit the matter to non-binding mediation unless waived by mutual stipulation by both parties. The mediation process shall provide for the selection within fifteen (15) days by both parties of a disinterested third person as mediation, shall be commenced within thirty (30) days of the submittal, and shall be concluded within fifteen (15) days from the commencement of the mediation unless a time requirement is extended upon a good cause shown to the court. If the parties fail to select a mediator within the 15 day period, any party may petition the court to appoint the mediator.
- 2) Judicial Arbitration: If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the California Code of Civil Procedure, notwithstanding Section 1141.11 of the code. The Civil Discovery Act of 1986 (Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subsection consistent with the rules pertaining to judicial arbitration. Arbitrators shall be experienced in construction law.
- 3) Appeals: In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of the Code of Civil Procedure), any party appealing an arbitration award who does not obtain a more favorable judgment shall, in addition to payment of costs and fees, also pay the attorneys' fees on appeal of the other party.
- 4) Interest: In any suit filed pursuant to Public Contract Code Section 20104.4, the District shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in the court of law.

- d. **Rights and Remedies.** The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon Contractor by the General Conditions and amendments thereto and all of the rights and remedies available to District thereunder, are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by laws or regulations by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right and remedy to which they apply.
- e. **Arbitration Award.** Pursuant to California Government Code Section 818, the Arbitrator shall have no jurisdiction to award punitive or exemplary damages.
- f. **Attorney's Fees and Costs.** In the event that any arbitration, action, suit or other proceeding is instituted to enforce any provision of this Contract, and/or to remedy, prevent, or obtain relief from a breach of this Contract, the prevailing party shall be entitled to recover all of its attorney's fees and costs incurred in each and every such arbitration, action, suit or other proceeding, including any and all appeals or petitions therefrom, except as may be provided to the contrary above. As used herein, attorney's fees shall be deemed to mean the full actual costs of any legal services actually performed in connection with the matters involved, calculated on the basis of the usual fees charged by the attorneys performing such services and shall not be limited to "reasonable attorney's fees" as defined by any statute or rule of court.

Article 67. INTEGRATION

- a. **Oral Modifications Ineffective.** No oral order, objection, claim or notice by any party to the other shall affect or modify any of the terms or obligations contained in any of the Contract Documents and none of the provisions of the Contract Documents shall be held to be waived or modified by reason of any act whatsoever, except by a waiver or modification thereof in writing and signed by the authorized representative of the District and the Contractor.
- b. **Contract Documents Represent Entire Agreement.** The Contract Documents represent the entire understanding of the District and Contractor as to those matters contained therein, and no prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents.

Article 68. DRUG-FREE WORKPLACE, NO ASBESTOS CERTIFICATION

Contractor shall, for all contracts involving state funds, submit a "Drug-Free Workplace Certification." This form is included in the Contract Documents and must be signed under the penalty of perjury and dated prior to commencing work on this Project.

In addition to the above listed certification, Contractor shall, for all contracts involving state funds, execute and submit an "Asbestos-Free Materials Certification." Contractor, further, is aware of the following:

- a. Should asbestos containing materials be installed by the Contractor in violation of this certification, or if removal of asbestos containing materials is part of the Project, decontaminations and removals will be performed in accordance with the requirements of all applicable laws and will meet the following criteria:

1. Decontamination and removal of work found to contain asbestos or work installed with asbestos containing equipment shall be done only under the supervision of a qualified consultant, knowledgeable in the field of asbestos abatement and accredited by the Environmental Protection Agency (EPA).
 2. The asbestos removal contractor shall be an EPA accredited contractor qualified in the removal of asbestos and shall be chosen and approved by the asbestos consultant who shall have sole discretion and final determination in this matter.
 3. The asbestos consultant shall be chosen and approved by the District which shall have sole discretion and final determination in this matter.
 4. The work will not be accepted until asbestos contamination is reduced to levels deemed acceptable by the asbestos consultant.
- b. If removal of asbestos containing materials is part of the Project, the cost of all asbestos removal, including, but not necessarily limited to the cost of the asbestos removal contractor, the cost of the asbestos consultant, analytical and laboratory fees, time delays and additional costs that may be incurred by the District shall be borne entirely by the Contractor.
- c. Hold Harmless: Interface of work for the Project with work containing asbestos shall be executed by the Contractor at his/her risk and at his/her discretion with full knowledge of the currently accepted standards, hazards, risks and liabilities associated with asbestos work and asbestos containing products. By execution of the Contract, the Contractor acknowledges the above and agrees to the fullest extent permitted by law to hold harmless the District, its Governing Board, employees, agents, representatives for all asbestos liability which may be associated with this work. The Contractor further agrees to instruct his/her employees with respect to the above-mentioned standards, hazards, risk and liabilities.

Article 69. MISCELLANEOUS

These Contract Documents shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of these Contract Documents, the action shall be brought in a state or federal court situated in the County of San Diego, State of California. Except as otherwise provided in these Contract Documents, in the event of any such litigation between the parties, the prevailing party shall be entitled to recover all reasonable costs incurred, including reasonable attorney's fees, as determined by the court.

END OF GENERAL CONDITIONS DOCUMENT

DOCUMENT 00800: SPECIAL CONDITIONS

A. **Time of Performance/District Representative.** The work shall be commenced on the date stated in the District’s notice to the Contractor to proceed (which date will be not less than **five (5)** consecutive calendar days after Award of Contract and shall be completed within ~~forty-eight (48)~~ consecutive calendar days from and after the date stated in such notice. District and Contractor each hereby stipulate that the stated performance period is accepted as reasonable and that no other performance period shall be acceptable unless accepted in writing (See Article 2 of Contract and Article 6 of General Conditions.) The District Representative for this Project is Brad Mason (bradmason@sbsd.net)

Target Milestones for the project are as follows:

Mandatory Bid Walk	March 18, 2020 7:30 a.m.
Bids Due:	April 8, 2020 2:00 p.m.
Notice to Proceed:	April 17, 2020
Schedule of Values:	May 15, 2020
Pre-Construction Meeting	May 18, 2020
Commence Work on Site:	June 15, 2020
Substantial Completion:	August 13, 2020
Project Completion/Final:	August 20, 2020

B. **Liquidated Damages.** If work under this Contract is not ready for the intended use within the specified time period, the agreed liquidated damages established in Article 6 of the General Conditions is ~~five hundred dollars (\$500.00)~~ per day for each calendar date completion is delayed.

C. **Documents Furnished.** Drawings and specifications to be furnished electronically to the Contractor free of charge.

D. **Insurance.** As provided in General Conditions, Contractor shall procure and maintain and shall require all subcontractors, if any, whether primary or secondary, to procure and maintain either:

Comprehensive General Liability Insurance
 With a combined single limit per occurrence
 of not less than.....\$1,000,000

OR

Commercial General Liability Insurance
 (including automobile insurance) which provides
 limits of not less than:

1. Per occurrence (combined single limit)8 \$1,000,000
2. Project Specific Aggregate (for this Project only)..... \$2,000,000
3. Products/Completed Operations \$1,000,000
4. Personal & Advertising Injury limit \$1,000,000

AND

Automobile Liability Insurance

In the amount of not less \$1,000,000

per occurrence for bodily injury and property damage

Insurance Covering Special Hazards: Following special hazards shall be covered by riders or riders to above-mentioned commercial liability insurance or property damage insurance policy or policies of insurance, or by special policies of insurance, in amounts as follows:

Automotive and truck where operated in amounts as stated above.

Material hoist where used in amounts as stated above.

- F. **Executed Copies:** The number of executed copies of the Contract, the Performance Bond, and the Payment Bond for Public Works required is four (4).
- G. **License Classification:** Each bidder shall be a licensed Contractor pursuant to the Business and Professions Code and shall be licensed in the following classification:
B - General Builder.
- H. **Fingerprinting Requirement:** Pursuant to the provisions of Article 24 of the General Conditions:

District Determination of Fingerprinting Requirement Application is as follows:

The District has considered the totality of the circumstances concerning the Project and has determined that the Contractor and Contractor's employees,

- a. _____ are subject to the requirements of Education Code section 45125.2 and Paragraph (a) of Article 23 of the General Conditions.
- b. X are **not** subject to the requirements of Education Code section 45125.2 and **are** subject to Paragraph (b) of Article 23 of the General Conditions.

- I. **Bid Protests:** Bidders must submit bid protests within five (5) calendar days of the bid opening date or such protests shall be rejected as untimely. If the last day to submit a bid protest falls on a weekend or holiday, the bid protest deadline shall be extended to the next business day. Bid protests must be in writing and contain the name and address of the bidder, the name(s) of the bidder whose bid(s) are the subject of the bid protest, the legal and factual basis for the protest, and any supporting documentation related to the protest. Bid protest(s) must be submitted to: Brad Mason, Solana Beach School District Office, 309 North Rios Avenue, Solana Beach, CA 92075

DOCUMENT 00810: SUPPLEMENTAL GENERAL CONDITIONS

The following articles supercede the General Conditions as issued. When any article, paragraph or subparagraph is not modified or deleted by these SUPPLEMENTAL GENERAL CONDITIONS, the unaltered provisions of such Article, paragraph or subparagraph shall remain in effect.

Article 50. INSPECTOR'S FIELD OFFICE - Delete and replace with the following:

- a. No Inspector's Field Office is required.**

END OF DOCUMENT

SECTION 075216
MODIFIED BITUMINOUS MEMBRANE ROOFING

PART 1 GENERAL

1.1 SCOPE OF WORK

- A. Provide all labor, equipment, and miscellaneous materials to install District purchased and furnished roofing materials over the properly prepared substrate

**All products listed in 2.01, D will be furnished by the District. All products not listed in 2.01, D are to be furnished by the Contractor. All products listed in 2.1, D will be manufactured by The Garland Company and purchased by Solana Beach USD using its authority under the CMAS Schedule.*

Contract #: 4-01-56-0006A

GSA Contract #: GS-07F-0130K (THE GARLAND COMPANY, INC.)

- B. Roof Membrane Installation: Bldg A



1. Remove the existing roof system to the structural deck.
2. Repair any damaged decking as required. Contractor to include 10% deck replacement in the base bid. If the amount of deck replacement exceeds 10%, the contractor is to receive a change order equal to the unit price for deck replacement per sq ft multiplied by the sq ft in excess of the base bid amount. If the amount of deck replacement is less than 10%, the contractor is to provide a credit to the District equal to the unit price of deck replacement per sq ft multiplied by the sq ft less than the base bid amount.
3. Mechanically ¼" Densdeckprime insulation coverboard over the existing roof

- system. Sump the insulation at the drains.
4. Apply SBS-modified SA base sheet – HPR SA FR Base Sheet.
 5. Apply SBS-modified SA cap sheet – Stressply SA FR Mineral.
 6. Apply SBS-modified flashing base ply in all flashing areas -- HPR SA FR Base Sheet—extending 6” onto the field. Apply SBS-modified flashing cap sheet ply in all flashing areas – Stressply SA FR Mineral—extending 9” onto the field.
 7. Coat the roof system with Pyramic coating at 2 gal per sq in two 1 gal per sq cross directionally applied coats. In any ponding water areas, apply White Star coating at 4 gal per sq (in two 2 gal per sq coats) and embed 200 lbs per sq of Title 24 compliant, white gravel. Coat the existing exposed parapet wall with the Title 24 white, compliant Pyramic coating at 2 gal per sq.
 8. No pitch pockets on roof. Lead flash all penetrations. Install umbrella cover over the lead flashing.
 9. Install termination bar for all flashing termination. Set in butyl tape. Fasten the termination bar 6” o.c. Apply sealant above. For all metal curbs, apply ½” DensdeckPrime insulation board prior to any roof materials.
 10. Sheet Metal:
 - a. All sheet metal to be ANSI SPRI ES-1 compliant.
 - b. Counterflashing Metal: Flashing plies to extend as high as possible under the existing flashing metal. Terminate with a termination bar for all flashing termination. Set in butyl tape. Fasten the termination bar 6” o.c. Apply sealant above. Install 22 gauge, galvanized skirt metal to the existing counterflashing metal.
 - c. Edge Metal: Install new, kynar, 22 gauge edge metal with a minimum 4” vertical face. District to determine color of the metal.
 11. Coat all equipment ductwork and metal pans with urethane coating. Seal all units prior to the coating with Unibond ST 4” tape.
 12. All drains prior to construction are to be tested. Any reported roof drain leaks are to be reported to the District prior to continuance of the project.
 13. Replace all drain rings and drain covers.
 14. All conduit are to be placed on rubber blocks.
 15. Seal all skylights with caulking.
 16. Remove all existing walkpads. No walkpads to be installed.

1.2 REFERENCES

- A. ASTM D 312 - Standard Specification for Asphalt used in Roofing.
- B. ASTM D 1079 Standard Terminology Relating to Roofing, Waterproofing and Bituminous Materials.
- C. ASTM D 6162 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements.

- D. ASTM D 6163 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements.
- E. National Roofing Contractors Association (NRCA): Roofing and Waterproofing Manual.
- F. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - Architectural Sheet Metal Manual.
- G. Underwriters Laboratories, Inc. (UL): Fire Hazard Classifications.
- H. Warnock Hersey (WH): Fire Hazard Classifications.
- I. ANSI-SPRI ES-1 Wind Design Standard for Edge Systems used with Low Slope Roofing Systems.
- J. ASCE 7, Minimum Design Loads for Buildings and Other Structures
- K. UL - Fire Resistance Directory.
- L. California Title 24 Energy Efficient Standards.

1.3 SUBMITTALS

- A. Contractor shall submit all required documents such as, but not limited to Installer's Qualifications, Shop Drawings, and warranties. Requests for substitutions are subject to review according to the General Conditions. If approved, substitution material must conform to all required Submittals.
 - A. Product Data:
 - 1. Except Owner Furnished Contractor Installed (OFCI) materials, contractor shall submit manufacturer product data for all products necessary for completion of roofing system and as specified including manufacturer's technical product data, installation instructions and recommendations for each type of roofing product required. Include data substantiating that materials comply with minimum specified requirements.
 - B. Test Data and Certifications:
 - 1. Submit independent test data that indicates the cap sheet complies with CRCC and title 24 requirements.
 - C. Installer Qualifications:
 - 1. Submit installer qualifications; Refer to Quality Assurance article below.
 - D. Samples:
 - 1. Submit samples of any non OFCI materials necessary for completion of roofing system.
 - E. Warranty:

1. Submit unexecuted Manufacturer's Thirty Year High-Performance Edge-to-Edge No Dollar Limit (NDL) warranty
2. Contractor shall provide five (5) years labor warranty to Garland Company and the District.

1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with NRCA Roofing and Waterproofing Manual.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified with documented ISO 9001 certification and minimum of twelve years of documented experience and must not have been in Chapter 11 bankruptcy during the last five years.
- C. Installer Qualifications: Company specializing in performing Work of this section with minimum five years documented experience and a certified Pre-Approved Garland Contractor. Roofing Contractor to submit minimum **at time of awarding the contract** a letter from Garland Company stating the Installer is a certified installer in good standing and approved to install the roofing system. The issuance date of the above addressed letter shall be maximum fifteen (15) days prior to this project's bid date. This letter shall be provided to the District prior to award of the contract.
- D. Installer's Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress.
- E. Product Certification: Provide manufacturer's certification that materials are manufactured in the United States and conform to requirements specified herein, are chemically and physically compatible with each other, and are suitable for inclusion within the total roof system specified herein.
- F. Source Limitations: Obtain all components of roof system from a single manufacturer. Secondary products that are required shall be recommended and approved in writing by the roofing system Manufacturer. Upon request of the Architect or Owner, submit Manufacturer's written approval of secondary components in list form, signed by an authorized agent of the Manufacturer.

1.5 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to commencing Work of this section.
- B. Review installation procedures and coordination required with related Work.
- C. Inspect and make notes of job conditions prior to installation:
 1. Record minutes of the conference and provide copies to all parties present.
 2. Identify all outstanding issues in writing designating the responsible party for follow-up action and the timetable for completion.
 3. Installation of roofing system shall not begin until all outstanding issues are resolved to the satisfaction of the Architect.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging with labels intact until ready for installation.
- B. Store all roofing materials in a dry place, on pallets or raised platforms, out of direct exposure to the elements until time of application. Store materials at least 4 inches above ground level and covered with "breathable" tarpaulins.
- C. Stored in accordance with the instructions of the manufacturer prior to their application or installation. Store roll goods on end on a clean flat surface except store KEE-Stone FB 60 rolls flat on a clean flat surface. No wet or damaged materials will be used in the application.
- D. Store at room temperature wherever possible, until immediately prior to installing the roll. During winter, store materials in a heated location with a 50 degree F (10 degree C) minimum temperature, removed only as needed for immediate use. Keep materials away from open flame or welding sparks.
- E. Avoid stockpiling of materials on roofs without first obtaining acceptance from the Architect/Engineer.
- F. Adhesive storage shall be between the range of above 50 degree F (10 degree C) and below 80 degree F (27 degree C). Area of storage shall be constructed for flammable storage.
- G. Contractor responsible to coordinate OFCI material delivery by Garland Company and DISTRICT OF VISTA.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. Upon completion of the work, provide the Manufacturer's written and signed NDL Warranty, warranting that, if a leak develops in the roof during the term of this warranty, due either to defective material or defective workmanship by the installing contractor, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition.
 - 1. Warranty Period:
 - a. 30 years from date of acceptance.
- B. Upon completion of the work, provide the Manufacturer's written and signed Edge-To-Edge NDL System Warranty, warranting that, if a leak develops in the roof

during the term of this warranty, due either to defective material or defective workmanship by the installer, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition including Garland Metal Components.

1. Warranty Period:
 - a. 30 years from date of acceptance.
- C. Installer is to guarantee all work against defects in materials and workmanship for a period indicated following final acceptance of the Work.
 1. Warranty Period:
 - a. 5 years from date of acceptance.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. The design is based upon roofing systems engineered and manufactured by The Garland Company:

The Garland Company
3800 East 91st Street
Cleveland, Ohio 44105
Miles Taylor
310.367.7655
- B. Roofing Contractor to be responsible for all Garland materials in excess of District purchased and furnished amount. District to provide material quantities matching the specified amount below. Any additional Garland material required to complete the project is the responsibility of the roofing contractor. Roofing Contractor responsible for purchasing additional materials required, including all freight and tax charges.
- C. Roofing contractor to be at delivery of District purchased roof materials. The District has no responsibility to provide any equipment for handling and / or loading the materials to the Contractor's trucks. Upon signature of delivery, the roofing contractor assumes full responsibility for all District purchased roof materials. Any materials lost or stolen are the responsibility of the roofing contractor to replace. Roofing Contractor responsible for freight and tax on the replaced materials.
- D. Maximum quantity of the OFCI materials which will be provided to the Contractor are as follows (Please note the quantities listed below are the total quantities being provided for the overall project, including roof replacement, restoration, and clay tile underlayment replacement):

Material	Amount	Unit Size
HPR SA FR Base Sheet	142	Roll
Stressply SA FR Mineral	213	Roll
Terra Seal	83	Roll
Pyramic	83	5 Gal
Stressply IV Mineral	28	Roll
White Knight Plus WC	76	5 Gal
Grip Polyester Soft	10	Roll
Flashing Bond	15	5 Gal
Tuff Stuff Caulking	60	Tube
Garla Prime VOC	4	5 Gal

2.2 SELF ADHERED ROOF SYSTEM

- A. Base (Ply) Sheet: One ply bonded to the prepared substrate with self-adhesive.
 - 1. HPR SA FR Base Sheet:
- B. Modified Cap (Ply) Sheet: One ply bonded to the prepared substrate with self-adhesive.
 - 1. StressPly SA FR Mineral:
- C. Interply Adhesive: Use over approved cover boards or wood decks for base sheet only
 - 1. SA Primer:
- D. Flashing Base Ply: One ply bonded to the prepared substrate.
 - 1. HPR SA FR Base Sheet:
- E. Flashing Cap (Ply) Sheet: One ply bonded to the prepared substrate.
 - 1. StressPly SA FR Mineral:
- F. Flashing Ply Adhesive:
 - 1. SA Primer: Over approved cover boards only.
 - 2. Flashing Bond:
- G. Surfacing:
 - 1. Surface Coatings
 - a. Pyramic:

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.

- B. Inspect and approve the deck condition, slopes and fastener backing if applicable, parapet walls, expansion joints, roof drains, stack vents, vent outlets, nailers and surfaces and elements.
- C. Verify that work penetrating the roof deck, or which may otherwise affect the roofing, has been properly completed.
- D. If substrate preparation and other conditions are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. General: Clean surfaces thoroughly prior to installation.
 - 1. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
 - 2. Fill substrate surface voids that are greater than 1/4 inch wide with an acceptable fill material.
 - 3. Roof surface to receive roofing system shall be smooth, clean, free from loose gravel, dirt and debris, dry and structurally sound.
 - 4. Wherever necessary, all surfaces to receive roofing materials shall be power broom and vacuumed to remove debris and loose matter prior to starting work.
 - 5. Do not apply roofing during inclement weather. Do not apply roofing membrane to damp, frozen, dirty, or dusty surfaces.
 - 6. Fasteners and plates for fastening components mechanically to the substrate shall provide a minimum pull-out capacity of 300 lbs. (136 k) per fastener. Base or ply sheets attached with cap nails require a minimum pullout capacity of 40 lb. per nail.

3.3 INSTALLATION - GENERAL

- A. Install modified bitumen membranes and flashings in accordance with manufacturer's instructions and with the recommendations provided by the National Roofing Contractors Association's Roofing & Waterproofing Manual, the Asphalt Roofing Manufacturers Association, and applicable codes.
- B. General: Avoid installation of modified bitumen membranes at temperatures lower than 40-45 degrees F. When work at such temperatures unavoidable use the following precautions:
 - 1. Take extra care during cold weather installation and when ambient temperatures are affected by wind or humidity, to ensure adequate bonding is achieved between the surfaces to be joined. Use extra care at material seam welds and where adhesion of the applied product to the appropriately prepared substrate as the substrate can be affected by such temperature constraints as well.
 - 2. Unrolling of cold materials, under low ambient conditions must be avoided to prevent the likelihood of unnecessary stress cracking. Rolls must be at least 40 degrees F at the time of application. If the membrane roll becomes stiff or difficult to install, it must be replaced with roll from a heated storage area.

- C. Commence installation of the roofing system at the lowest point of the roof (or roof area), working up the slope toward the highest point. Lap sheets shingle fashion so as to constantly shed water
- D. All slopes greater than 2:12 require back-nailing to prevent slippage of the ply sheets. Use ring or spiral-shank 1 inch cap nails, or screws and plates at a rate of 1 fastener per ply (including the membrane) at each insulation stop. Place insulation stops at 16 ft o.c. for slopes less than 3:12 and 4 feet o.c. for slopes greater than 3:12. On non-insulated systems, nail each ply directly into the deck at the rate specified above. When slope exceeds 2:12, install all plies parallel to the slope (strapping) to facilitate backnailing. Install 4 additional fasteners at the upper edge of the membrane when strapping the plies.

3.4 INSTALLATION SELF ADHERED ROOF SYSTEM

- A. Optional Nailable Base Sheet: Install base sheet nailed to the substrate with the appropriate fastener and fastening pattern determined from your wind uplift calculation.
- B. Base Ply: Prior to installation sweep or blow away any dust, dirt or sand particles, on the surface that could interfere with adhesion.
 1. Prime the roof cover board at the recommended coverage rate with SA Primer at a rate of 0.50 gal per 100 sq.ft. Allow the primer to dry before installing the base sheet but it should be tacky for the base sheet application.
 2. Start HPR SA FR Base Sheet application at the low point of the roof with appropriate roll width to offset side laps 18 inches (457 mm) from side laps of base sheet. Install flush to roof edge if over base sheet, otherwise turn the HPR SA FR Base Sheet over the fascia minimum 2 inches (50 mm) and nail 9 inches (230 mm) o.c. At perimeter flashing extend the HPR SA FR Base Sheet up a minimum of 8 inches (203 mm). Design so that side laps are against the flow of water.
 3. Fold membrane back halfway lengthwise to remove the split release film. Press membrane securely into place, and repeat with the opposite half of the membrane. Use a heavy, weighted roller over entire surface of the HPR SA FR Base Sheet membrane to secure membrane. Work outwards to eliminate voids. When working with full rolls on large roofs, leave the membrane in position and remove the split release film from underneath the membrane.
 4. Overlap side laps of subsequent HPR SA FR Base Sheet membrane lengths 4 inches (100 mm) and end laps 8 inches (203 mm). Offset (stagger) end laps minimum 3 feet (0.9 m). Cut end laps at opposing diagonal corners at a 45 degree angle approximately 3 inches (76 mm) from the corners to minimize "T"- seams. Apply a bead or small trowel dab (quarter size) of Flashing Bond or Garla-Flex at the edge of the angled cut to avoid a capillary.
 5. Use of a hand-held hot air gun at joint area prior to rolling membrane to maximize adhesion. Apply a bead of Flashing Bond or Garla-Flex, at all HPR SA FR Base Sheet side and end laps to eliminate a capillary.
 6. Use a heavy, weighted roller over the entire surface of HPR SA FR Base Sheet to secure it in place and prevent voids, working outward from center of sheet.

7. Repeat the above steps to properly build 1 to 2 plies, as specified, of HPR SA FR Base Sheet.
 8. Don't leave the installed HPR SA FR Base Sheet exposed to the weather; cover with StressPly SA FR Mineral cap sheet the same day.
- C. Modified Cap Ply(s): Prior to installation sweep or blow away any dust, dirt or sand particles, on the HPR SA FR Base Sheet that could interfere with adhesion.
1. Install StressPly SA FR Mineral starting at the low point of the roof with an appropriate roll width to offset sidelaps from the underlying membrane a minimum of 18 inches (457 mm). Work with manageable lengths for proper handling. Position with salvage edge release strip at high side of roof. Install in shingle fashion, with no laps against the flow of water.
 2. Once positioned, lift and fold back lengthwise the lower half of the membrane, remove the split release film, and press firmly into place. Repeat with the other (high side of the roof) half of the membrane. Follow the same layout and split release film procedures as for HPR SA FR Base Sheet, but overlap sidelaps 4 inches (100 mm) and endlaps 8 inches (203 mm).
 3. Use a heavy, weighted roller over the entire surface of the StressPly SA FR Mineral sheet to secure it in place and prevent voids, working outward from the center of the sheet.
 4. As subsequent membrane lengths are installed, remove the selvage edge release strip just prior to overlapping to keep the adhesive area protected and clean. Cut endlaps at opposing diagonal corners at a 45 degree angle approximately 4 inches (100 mm) from the corners to minimize "T" seams. Use Flashing Bond or Garla-Flex trowel grade, over the full 8 inch (200 mm) width of each endlap prior to overlapping. Apply a uniform 1/8 to 1/4 inch (3 to 6 mm) troweling of the Flashing Bond or Garla-Flex the full width of the endlaps to the underlying membrane; then install the overlapping sheet.
 5. Always apply Flashing Bond or Garla-Flex the width of any overlap when applying the StressPly SA FR Mineral cap over another mineral surface such as the StressPly SA FR Mineral endlap.
 6. Install HPR SA FR Base Sheet and StressPly SA FR Mineral at vertical and other flashing over the already installed StressPly SA FR Mineral field plies.
- D. Fibrous Cant Strips: Provide non-combustible perlite or glass fiber cant strips at all wall/curb detail treatments where angle changes are greater than 45 degrees. Cant may be set in approved cold adhesives in accordance with Garland's recommendations.
- E. Termination Bar: Provide metal termination bar or approved top edge securement at the terminus of all flashing sheets at walls and curbs. Fasten the bar a minimum of 8 inches (203 mm) o/c to achieve constant compression. Provide suitable, sealant at the top edge if required.
- F. Flashing Base Ply: At all vertical and other flashing details, install HPR SA FR Base Sheet and StressPly SA FR Mineral over the already installed StressPly SA FR Mineral field plies.
1. Prime the horizontal surface with SA Primer at a rate of 0.5 gal per 100 sq.ft.

and allowed to dry.

2. Over installed StressPly SA FR Mineral field plies apply a 3 foot (0.9 m) wide HPR SA FR Base Sheet extending a minimum of 10 inches (254 mm) onto the field of the roof. Apply a uniform 1/8 to 1/4 inch (3 to 6 mm) thick troweling of Flashing Bond or Garla-Flex, on to the existing StressPly SA FR Mineral field cap.
3. If adhesion is not sufficient on the laps apply Flashing Bond or Garla-Flex at a 1/8 to 1/4 inch (3-6 mm) thick to fully seal laps before application of StressPly SA FR Mineral.
4. Before installing StressPly SA FR Mineral flashing ply to mineral surfaced field ply, apply Flashing Bond or Garla-Flex, wherever the membrane overlaps onto mineral surfacing. Proceed with StressPly SA FR Mineral cap sheet installation. Apply a 3 foot (0.9 m) wide StressPly SA FR mineral extending a minimum of 10 inches (254 mm) onto the field of the roof, being sure to cover the base ply.
5. Once the membrane has had a chance to bond, check all laps and joints for full adhesion. If the membrane can be lifted at any area it is not properly adhered. Use a seam probing tool to check for small voids at laps. If necessary, use appropriate hand-held hot air welding tool and seam roller to seal small unbonded areas.

G. Flood Coat/Aggregate:

1. Install after cap sheets and modified flashing, tests, repairs and corrective actions have been completed and approved.
2. Apply flood coat materials in the quantities recommended by the manufacturer.
3. Uniformly embed aggregate in the flood coat of cold adhesive at a rate recommended by the manufacturer.
4. Aggregate must be dry and placed in a manner required to form a compact, embedded overlay. To aid in embedment, lightly roll aggregate.

H. Surface Coatings: Apply roof coatings in strict conformance with the manufacturer's recommended procedures.

I. Flashing Cap Ply: Apply as specified for Flashing Base Ply in strict conformance with the manufacturer's recommended procedures.

3.5 CLEANING

- A. Clean-up and remove daily from the site all wrappings, empty containers, paper, loose particles and other debris resulting from these operations.
- B. Remove asphalt markings from finished surfaces.
- C. Repair or replace defaced or disfigured finishes caused by Work of this section.

3.6 PROTECTION

- A. Provide traffic ways, erect barriers, fences, guards, rails, enclosures, chutes and the like to protect personnel, roofs and structures, vehicles and utilities.

- B. Protect exposed surfaces of finished walls with tarps to prevent damage.
- C. Plywood for traffic ways required for material movement over existing roofs shall be not less than 5/8 inch (16 mm) thick.
- D. Special permission shall be obtained from the Manufacturer before any traffic shall be permitted over new roofing.

3.7 FIELD QUALITY CONTROL

- A. Inspection:
 - 1. Warranty shall be issued upon manufacturer's acceptance of the installation.
 - 2. Field observations shall be performed by a Sales Representative employed full-time by the manufacturer and whose primary job description is to assist, inspect and approve membrane installations for the manufacturer.
 - 3. Provide observation reports from the Sales Representative indicating procedures followed, weather conditions and any discrepancies found during inspection.
 - 4. Provide a final report from the Sales Representative, certifying that the roofing system has been satisfactorily installed according to the project specifications, approved details and good general roofing practice.

3.8 SCHEDULES

- A. Surfacing:
 - 1. Surface Coatings
 - a. Surfacing:
 - 1) Pyramic: White elastomeric roof coating, Energy Star approved acrylic roof coating:
 - a) Weight/Gallon 12 lbs./gal. (1.44 g/cm³)
 - b) Non-Volatile % (ASTM D 1644) 66 min
 - c) Reflectance 81%

END OF SECTION

075500 -- URETHANE RESTORATION SYSTEM

PART 1 – GENERAL

1.1 SCOPE OF WORK

- A. Provide all labor, equipment, and miscellaneous materials to install District purchased and furnished roofing materials over the properly prepared substrate

****ALL products in listed in 2.1,E will be furnished by the District. All products not listed in 2.1,E are to be furnished by the Contractor. All products listed in 2.1,E will be manufactured by The Garland Company and purchased by Solana Beach Unified School District.***

- B. Coating Scope of Work: Bldg C



1. Powerwash the roof area with Simple Green.
2. Remove all debris and dirt.
3. Prep Work:
 - a. Prime equipment flashings and parapet wall and perimeter flashings ½ gal per square with primer – Garla Prime VOC. Primer to extend 9” onto the roof field and up the flashing to the point of termination.
 - b. Torch apply SBS Modified 180 mil cap sheet – Stressply IV Mineral – to all primed areas. Terminate flashing plies with a

termination bar set in butyl tape and fastened every 6" o.c. Install a 22 gauge, galvanized skirt metal flashing to the existing flashing metal.

- c. Three course repair with mastic and mesh all blisters and splits on field.
 - d. Apply three course application of *White Knight Plus WC* and mesh around all existing penetrations.
4. Apply urethane, Title 24 compliant, white coating – *White Knight Plus WC* – at a rate of 3 gal per sq.
 5. Embed polyester – *Grip Polyester Soft* -- into the coating.
 6. Allow the material to cure for 24 hrs.
 7. Apply urethane, Title 24, compliant, white coating – *White Knight Plus WC* – at a rate of 2 gal per sq.
 8. Install new drain rings and drain covers.
 9. Seal existing skylights with sealant.
 10. All drains to be tested prior to installation. Any internal drain leaks are to be notified to the District prior to any construction. Drains are to be re-tested following all installation of roof materials.

1.2 QUALITY ASSURANCE

- A. **Installer Qualifications:** Installer (Roofer) shall be specializing in modified bituminous roof application with minimum 10 years' experience. Installer shall provide proof of certification to install Garland Company's roofing system within the past three (3) years. Roofing Contractor to submit minimum at time of awarding the contract a letter from Garland Company stating the Installer is a certified installer in good standing and approved to install the roofing system. The issuance date of the above addressed letter shall be maximum fifteen (15) days prior to this project's bid date. This letter shall be provided to the District prior to award of the contract.
- B. **Installer's Field Supervision:** Require Installer to maintain a full-time Supervisor/Foreman on job site during all phases of bituminous sheet roofing work and at any time roofing work is in progress, proper supervision of workmen shall be maintained. A copy of the specification shall be in the possession of the Supervisor/Foremen and on the roof at all times.
- C. It shall be the Roofing subcontractor's responsibility to protect all exposed buildings (affected by roofing activities) from any possible weather damages, until completion of this scope of work. **Disqualification of Bidders:** A bidder can be disqualified by SBUSD for any of the following reasons, but not limited to:

1. Lack of proficiency as shown by past work or incomplete work under other contracts which, in the judgment of SBUSD might hinder or prevent the prompt completion of additional work if so awarded or any involvement in any legal actions which relate to past or present performance. This includes, but is not limited to lawsuits, court appointed actions, and/or ongoing litigation.
 2. Not providing proof of all required qualifications by the time of award of the contract.
- D. Roofing Pre-installation Meeting: Before scheduled commencement of modified bitumen roof system installation and associated work meet at project site with installer of each component of associated work, installers of deck or substrate construction to receive roofing work, installers of rooftop units and other work in the around roofing must precede or follow roofing work (including mechanical work if any), SBUSD, Garland Company's representative, and other representatives directly concerned with performance of the Work, including (where applicable), test agencies and governing authorities.
1. Objectives to include:
 - a. Review foreseeable methods and procedures related to roofing work.
 - b. Tour representative areas of roofing substrates (decks), inspect and discuss condition of substrate, roof drains, curbs, penetrations and other preparatory work performed by other trades.
 - c. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
 - d. Review roofing system requirements (drawings, specifications and other contract documents).
 - e. Review required submittals both completed and yet to be completed.
 - f. Review and finalize construction schedule related to roofing work and verify availability of material is, Installer's personnel, equipment and facilities needed to make progress and avoid delays.
 - g. Review required inspection, testing, certifying and material usage accounting procedures.
 - h. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing (if not mandatory requirement).
 - i. Record (contractor) discussion of the meeting including decisions and agreements (or disagreements) reached and furnish copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.
 - j. Review notification procedures for weather or non-working days.

1.3 DELIVERY, STORAGE AND HANDLING

- A. Contractor responsible for materials upon delivery. Any lost or stolen material must be replenished by the General Contractor / Installer. District is absolved of any liability in regards to material delivery or material storage.
- B. Store and handle roofing sheets in a dry, well-ventilated, weather-tight place to ensure no possibility of significant moisture exposure. Store rolls of felt and other sheet materials on pallets or other raised surface. Stand all roll materials on end. Cover roll goods with a canvas tarpaulin or other breathable material (not polyethylene).
- C. Do not leave unused materials on the roof overnight or when roofing work is not in progress unless protected from weather and other moisture sources.
- D. It is the responsibility of the Contractor to secure all material and equipment on the job site. If any material or equipment is stored on the roof, the Contractor must make sure that the integrity of the deck is not compromised at any time. Damage to the deck caused by the Contractor will be the sole responsibility of the Contractor and will be repaired or replaced at his expense.

1.4 PROJECT CONDITIONS

- A. Weather Condition Limitations: Do not apply roofing membrane during inclement weather or when a 40% change of precipitation is expected.
- B. Do not apply roofing insulation or membrane to damp deck surface.
- C. Do not expose materials vulnerable to water or sun damage in quantities greater than can be weatherproofed during same day.
- D. Proceed with roofing work only when existing and forecasted weather conditions will permit unit of work to be installed in accordance with manufacturer's recommendations and warranty requirements.
- E. All slopes greater than 2: 12 require back-nailing to prevent slippage of the ply sheets. Use ring or spiral-shank one (1) inch cap nails, or screws and plates at a rate of one (1) fastener per ply (including the membrane) at each insulation stop. When slope exceeds 2:12, install all plies parallel to the slope (strapping) to facilitate back nailing. Install four (4) additional fasteners at the upper edge of the membrane when strapping the plies.

1.5 SEQUENCING AND SCHEDULING

- A. All work must be fully completed on each day. Phased construction will not be acceptable. Phased construction to be defined as the cap sheet not being applied over the installed base sheet within the same 12 hour workday.

1.6 WARRANTY

- A. Upon completion of the project, contractor shall provide the following:

1. Provide minimum five (5) year labor warranty to District and Garland Company at no charge.
2. Coating: Executed Garland Company Fifteen Year warranty covering LABOR AND MATERIALS. This warranty shall be provided by Garland Company. Contractor is responsible to achieve this warranty by all needed coordination with Garland Company.

PART 2 - PRODUCTS

2.1 GENERAL

- A. The design is based upon roofing systems engineered and manufactured by The Garland Company:

The Garland Company
Telephone: (310) 367 -7655
Miles Taylor

- B. Contractor to coordinate the delivery of the material. All material will be delivered prior to the start of the project in one shipment. Contractor is responsible to unload all material. District has no responsibility to provide any equipment for handling and / or loading the materials to the Contractor's trucks. District reserves the right to have the contractor store all materials on non-District property at the expense of the contractor.
- C. Upon signature of receiving the materials, Contractor assumes full responsibility for all received materials. Any materials lost or stolen are the responsibility of the Contractor to replace.
- D. Contractor must provide all labor to install District supplied materials as part of their bid. All materials not specifically included in section will be the responsibility of the contractor to provide and install. Roofing Contractor to be responsible for all Garland materials in excess of District purchased and furnished amount. District to provide material quantities matching the specified amount below. Any additional Garland material required to complete the project is the responsibility of the roofing contractor. Roofing Contractor responsible for purchasing additional materials required, including all freight and tax charges.
- E. Maximum quantity of the OFCI materials which will be provided to the Contractor are as follows (Please note the quantities listed below are the total quantities being provided for the overall project, including roof replacement, restoration, and clay tile underlayment replacement):

Material	Amount	Unit Size
HPR SA FR Base Sheet	142	Roll
Stressply SA FR Mineral	213	Roll
Terra Seal	83	Roll
Pyramic	83	5 Gal
Stressply IV Mineral	28	Roll
White Knight Plus WC	76	5 Gal
Grip Polyester Soft	10	Roll
Flashing Bond	15	5 Gal
Tuff Stuff Caulking	60	Tube
Garla Prime VOC	4	5 Gal

2.2 RELATED MATERIALS

- A. Nails and Fasteners: Non-ferrous metal or galvanized steel, except that hard copper nails shall be used with copper; aluminum or stainless steel nails shall be used with aluminum; and stainless steel nails shall be used with stainless steel, r addition plates should be used. Fasteners shall be self-clinching type of penetrating type as recommended by the manufacturer of the deck material. Nails and fasteners shall be flush-driven through flat metal discs of not less than one (1) inch diameter. Omit metal discs when one-piece composite nails or fasteners with heads not less than one (1) inch diameter are used.
- B. All Sheet Metal: 22 gauge, galvanized, Kynar coated all sheet metal. Install by breaking R-Mer SS Flat Stock - Supplied by District -- per coping cap, counter flashing, edge metal, and skirt flashing details. Flat stock to be 22 gauge, galvanized, Kynar coated.
- C. Butyl Tape: 100% solids, asbestos free and compressive tape designed to seal as recommended and furnished by the membrane manufacturer. Butyl tape is required at all terminations.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. The Contractor shall submit request for inspection to the Inspector minimum 48 hours prior to inspection. A copy of the request shall be sent to the District's Representative.

- B. Examine substrate surfaces to receive modified bitumen sheet roofing system and associated work and conditions under which roofing will be installed. Do not proceed with roofing until unsatisfactory conditions have been corrected in a manner acceptable to Roof System Manufacturer and Installer.

3.2 GENERAL INSTALLATION REQUIREMENTS

- A. Cooperate with Garland, inspection and test agencies engaged or required to perform services in connection with installing the roof system.
- B. Insurance/Code Compliance: Where required, install and test the roofing system to comply with governing regulation and specified insurance requirements.
- C. Protect other work from spillage of roofing materials and prevent materials from entering or clogging drains and conductors. Replace or restore other work damaged by installations of the modified bituminous roofing system work.
- D. Substrate Joint Penetrations: Prevent bitumen from penetrating substrate joints, entering building, or damaging roofing system components or adjacent building construction.
- E. Apply roofing materials as specified herein unless recommended otherwise by Garland's instructions. Keep roofing materials dry before and during application. Do not permit phased construction. Complete application of roofing plies, modified sheet and flashing in a continuous operation. Begin and apply only as much roofing in one day as can be completed that same day.
- F. Keep an ABC rated fire extinguisher in a central location where all workers know where it is and how to operate in properly.

PART 4 - APPLICATION PROCEDURES

4.1 INSTALLATION

- A. Flashing Membrane Application
 - 1. Seal all curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
 - 2. Follow all Manufacturer's installation details.
- B. Application of Coating
 - 1. Coating

- a. Prior to any surfacing, the roof shall be water power washed per Garland Company product installation requirements.
 - b. Reinforce the roof field and perimeter, and perform repairs per 1.1, B.
 - c. Reflective Coating: Coat roof field and flashing with Title 24, white, White Knight Plus WC at 2 gal per sq.
 - d. Allow the material to cure for 24 hrs.
 - e. Reflective Coating: Coat roof field and flashing with Title 24, white, White Knight Plus WC at 2 gal per sq.
 - f. Coating to be roll or spray applied.
 - g. Coating shall be applied in strict accordance with manufacture's published directions and instructions.
 - h. Manual Application:
 - i. Pour White-Knight/Stallion coating onto roof in 24" rows and spread with ½" nap or foam roller.
 - ii. Back roll White-Knight/Stallion coating with an 18" wide 1/2" nap roller for even application. Quality check that coating meets 32 mils- 4 gallons per square (7.6 liters per square) wet.
2. Spray Application:
- a. Spray across roof, back-roll as needed to ensure uniform coverage, then back spray across the same area to complete application.
 - b. Spray Pump Recommendations:
 - i. Pump Ratio 45:1
 - ii. Hose ¾ ID Hose first 100' (30.48m) w/ swivel connections and 1/2" ID Hose for second 100' (30.48m)
 - iii. Pressure 5000 psi
 - iv. Working pressure is 2700 to 3000 at the gun. Depending on equipment setup, you may be able to spray the coating as low as 1800 psi. Based on tip size, raise pressure to remove fingers in spray pattern
 - v. High pressure fittings

- vi. Input flow 100 psi
- vii. Tip = .032 - .037 for a 8" pattern at 12" distance (20.32cm pattern 30.48cm distance)
- viii. Recommended 12" extension w/ swivel tip
- ix. Tip and pump sizes will change depending on temperature and pattern concerns.
- x. All material must be applied smoothly with proper film thickness, at a uniform spread rate of 4 gallons per 100 sq. ft. non reinforced and 4 gallons per 100 sq. ft. for reinforced areas.
- xi. Keep wet film gauges on-hand at all times during the application process to ensure proper coverage. Coverage rates below will designate gallons, wet mils, and dry mils.
- xii. 4 gallons will equal 64 wet mils 51 dry mils

PART 5 - CLEANING

- A. Remove drippage of bitumen from all walls, windows, floors, ladders, HVAC units, ducts, vents, conduits, poles and all finished surfaces.
- B. In areas where finished surfaces are soiled by asphalt or any other sources of soiling caused by work of this section, consult manufacturer of surfaces for cleaning advice and conform to their instructions.

PART 6 - FINAL INSPECTION

- A. At completion of roofing installation and associated work, meet with Installer, installer of associated work, SBUSD, Garland's representative, and other representatives directly concerned with performance of roofing system.
- B. Walk roof surface areas of the building, inspect perimeter building edges as well as flashing of roof penetrations, walls, curbs and other equipment. List all items requiring correction or completion and furnish copy of list to each party attending.
- C. District and Garland reserve the right to request a thermographic scan of the roof during final inspection to determine if any damp or wet materials have been installed. The thermographic scan shall be provided by the Contractor.
- D. If core cuts verify the presence of damp or wet materials, the Contractor shall be

required to replace the damaged areas at his own expense.

- E. Repair or replace (as required) deteriorated or defective work found at time above inspection to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
- F. The Contractor is to notify the District upon completion of corrections.
- G. Following the final inspection, acceptance will be made in writing by Garland.

SECTION 07 3213

CLAY ROOF TILES

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Install new clay roofing tile system with secondary waterproofing underlayment to the clay tile roof sections of Bldg A & Bldg C.



B. District Supplied Material

1. Provide all labor, equipment, and miscellaneous materials to install District purchased and furnished roofing materials over the properly prepared substrate

****ALL products in bold italics will be furnished by the District. All products not in bold italics to be furnished by the Contractor. All products in bold italics will be manufactured by The Garland Company and purchased by Solana Beach Unified School District.***

1.02 PROJECT REQUIREMENTS

- A. Performance Requirements: Install flashing, counter-flashing, and thru-roof penetration flashing as specified in Section 07 6000 – Flashing and Sheet Metal, and in accordance with manufacturer's recommendations as approved.

B. Regulatory Requirements:

1. Comply with CBC Chapter 1507.3.
2. Comply with UL requirements for Class A Rating.
3. Comply with requirements of DSA Interpretation of Regulations:
 - a. IR 15-1: Attachment of Clay or Concrete "S" Roof Tile
 - b. IR 15-2: Clay and Concrete Roof Tile Materials and Applications

1.03 SUBMITTALS

- A. Shop Drawings: Submit plans and details illustrating locations of underlayment, tile, gutter, downspout, and flashing. Submit details of tile installation and fastening procedures, connections to sheet metal and adjoining Work, and specific installation conditions, including eaves, ridges, and gable ends.
- B. Product Data: Submit manufacturer's Product Data for each material and accessory proposed for installation.
- C. Samples: Submit Samples of each type and size of clay roofing tile, grout color, and roof ventilation unit.
- D. Installation Instructions: Submit manufacturer's recommended installation instructions.
- E. Certificates: Submit manufacturer's certification that installer is certified by manufacturer of the adhesive and the underlayment to install the products of this section.
- F. Closeout Submittals: Submit manual including manufacturer's recommendations for roof maintenance and repairs.

1.04 QUALITY ASSURANCE

- A. Qualifications of Installer: Minimum five years experience in successfully installing the same or similar roofing materials and certified in writing by the roofing materials manufacturer to install the specified roofing products.
- B. Pre-Installation Conference and Inspection: After review of submittals but prior to starting installation of Work of this section, conduct a meeting at the Project site attended by the Architect, Project Inspector, OAR, Contractor, roofing installer, and a technical representative of the roofing material manufacturer. The roofing installer and material manufacturer's technical representative shall inspect the substrates to receive Work of these section and report, in writing, defective conditions to Project Inspector, OAR, Architect and Contractor.

- C. Manufacturer's Representative: Provide arrangements necessary to have a trained representative of the manufacturer visit the Project site on a weekly basis to observe the installation of roofing Work.
- D. Unless otherwise specified, all roofing will be provided in accordance with the NRCA recommendations.
- E. Research/Evaluation Reports: For clay roof tiles, fasteners, and fastener systems, from the ICC are required for each component.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to the Project site in unopened packages with legible labels.
- B. Store materials in above grade protected from weather and physical damage in accordance with roofing manufacturer's instructions.

1.06 WARRANTY

- A. Provide a five year, non-prorated labor and material warranty.
- B. Manufacturer of the underlayment material to provide a 20 year material warranty on the underlayment product.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Tile.

Design to match existing Spanish Tile design on campus.

1. MCA Clay Tile
2. Or Equal.

- B. Underlayment

The Garland Company
3800 East 91st Street
Cleveland, Ohio 44105
Miles Taylor
310.367.7655

1. Roofing Contractor to be responsible for all Garland materials in excess of District purchased and furnished amount. District to provide material quantities

matching the specified amount below. Any additional Garland material required to complete the project is the responsibility of the roofing contractor. Roofing Contractor responsible for purchasing additional materials required, including all freight and tax charges.

2. Roofing contractor to be at delivery of District purchased roof materials. The District has no responsibility to provide any equipment for handling and / or loading the materials to the Contractor's trucks. Upon signature of delivery, the roofing contractor assumes full responsibility for all District purchased roof materials. Any materials lost or stolen are the responsibility of the roofing contractor to replace. Roofing Contractor responsible for freight and tax on the replaced materials.
3. Maximum quantity of the OFCI materials which will be provided to the Contractor are as follows (Please note the quantities listed below are the total quantities being provided for the overall project, including roof replacement, restoration, and clay tile underlayment replacement):

Material	Amount	Unit Size
HPR SA FR Base Sheet	142	Roll
Stressply SA FR Mineral	213	Roll
Terra Seal	83	Roll
Pyramic	83	5 Gal
Stressply IV Mineral	28	Roll
White Knight Plus WC	76	5 Gal
Grip Polyester Soft	10	Roll
Flashing Bond	15	5 Gal
Tuff Stuff Caulking	60	Tube
Garla Prime VOC	4	5 Gal

2.02 MATERIALS

- A. Clay Roofing Tile: Conform to ASTM C 1167, Type I (high profile), Type II (low profile), or Type III (flat) as selected, Grade 1 (severe frost) or Grade 2 (moderate frost). Tile shall match the same size, color, type, finish, and appearance as the tile currently installed on the Main Bldg.
- B. Secondary Waterproofing Membrane:

1. ***HPR RMER Seal – “Supplied by District”.*** First layer underlayment. Self adhering modified base sheet.
- D. Birdstop: Clay to match tile. Birdstops formed of mortar are not permitted.
- E. Adhesive: Basis of design is Dupont Roof Tile Adhesive AH-160
- F. Mastic: Conform to ASTM D 4586, Type II, asbestos free.
- G. Grout: Composed by volume of one part Portland cement, four parts sand, and water to form a firm mixture, with pure ground mineral oxide coloring pigments added as required to match the reviewed Sample where grout is exposed.
- H. Penetration Flashings: Primary and Secondary Penetration flashings are to be 4 pound lead as specified in section 07 6000.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify deck is dry, sound, clean and smooth, free of depressions, waves or projections. Verify that sheathing is supported at all edges and properly nailed, in accordance with requirements of related Section 06 1000.
- B. Examine substrate to receive roofing system and associated Work and conditions under which roofing will be installed. Do not proceed with roofing until unsatisfactory conditions have been corrected.
- C. Coordinate installation of roofing with flashing installation specified in Section 07 6000 - Flashing and Sheet Metal. Verify that sheet metal is no lighter than 24 gage.

3.02 PROTECTION

- A. Protect building surfaces against damage from roofing Work.
- B. Protect surfaces where additional Work must continue over finished roof.

3.03 MEMBRANE APPLICATION

- A. Comply with CBC, Chapter 15.
- B. Install two-ply membrane system in accordance with manufacturer's instructions. Membrane shall be adhered directly to roof deck. Prime the roof surface at ½ gal per 100 sq ft. Membrane shall be cut into 10 to 15 foot lengths and shall be re-rolled. The release paper shall be peeled back and the membrane shall be pressed in place. Lower edges shall be rolled firmly with a wallpaper or hand roller. Ends and edges shall be overlapped a minimum of 6 inches.

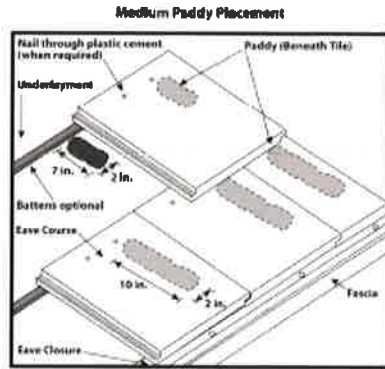
- C. Valley and Ridge Application: The membrane shall be cut into 4 to 6 foot lengths, and the sheet centered over the valley or ridge, pressed in place working from the center of the valley or ridge outward in each direction. For valleys, membrane shall be installed starting at the low point and working towards ridge. Sheets shall overlap a minimum of 6 inches.
- D. Vertical Membrane Flashings: Install primer before the application of membrane, at a rate of 250-350 square feet per gallon. Membrane shall be turned up walls and other vertical surfaces. Vertical membrane terminations shall be mechanically fastened. Vertical terminations shall receive a troweling of mastic as required by the membrane manufacturer.
- E. Protection: Membrane underlayment shall not be left permanently exposed to sunlight. Membrane shall be covered with exposed roofing materials as soon as possible. Membrane damaged due to exposure to sunlight shall be patched prior to the application of final roof covering. Membrane can only be left exposed for up to 90 days.
- F. Primary Penetration Flashings are to be stripped in with two-ply membrane system, in accordance with the manufactures recommendations.
- G. Underlayment sheets to be fastened at the head laps every 4-6" o.c. and at various locations in the sheet to ensure sheets are protected against wind uplift prior to tile installation.

3.04 INSTALLATION OF GUTTERS

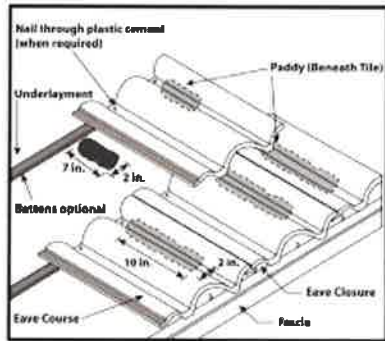
- A. Contractor to inspect gutters, downspouts, and fasica for damage and repair/replace as needed. Any damage to the gutters during construction must be replaced with new 22 gauge, galvanized gutters. Color to match existing.
- B. Install new leaf screens on all gutters.

3.0 INSTALLATION OF TILE ADHESIVE & TILE

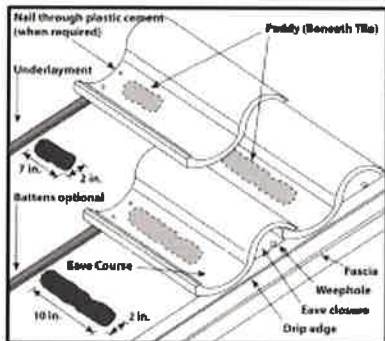
- A. Calibration of the Dow Tile Bond approved dispensing equipment is required before application of any adhesive. The mix ration of the "A" component and the "B" component shall be maintained between 1.0 – 1.15 (A) to (B). For Ratio calibration, take the net weight of the "A" chemical divide it by the net weight of the "B" chemical.
- B. All underlayment must be free of dust, debris, or oil or any foreign matter that will inhibit the bond of the adhesive.
- C. Adhesive shall be placed in accordance with the "paddy placement details" as shown below:



Flat/Low Profile Tile



Medium Profile Tile



High Profile Tile

Flat/Low Profile Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the strengthening rib of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm²) - 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.
2. At the second course, apply a minimum 2" (50.8mm) x 7" (177.8 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the strengthening rib closest to the overlock of the tile being set.
3. Continue in same manner. Insure approximately 10" (64.5 cm²) - 12 (77.4 cm²) square inch adhesive contact with the underside of the tile.

Medium Profile/Double Pan Tile

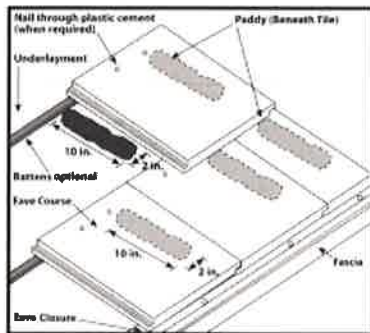
1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm²) - 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.
2. At the second course, apply a minimum 2" (50.8mm) x 7" (177.8 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.
3. Continue in the same manner. Insure approximately 12" (77.4 cm²) - 14 (90.3 cm²) square inch adhesive contact with the underside of the tile.

High Profile Tile

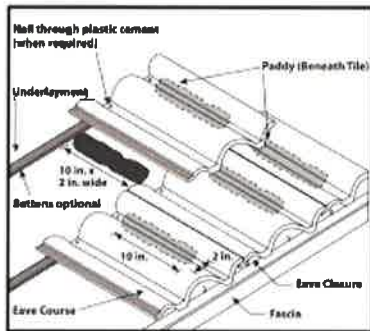
1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm²) - 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.
2. At the second course, apply a minimum 2" (50.8mm) x 7" (177.8 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.
3. Continue in the same manner. Insure approximately 17" (109.7 cm²) - 19 (122.6 cm²) square inch adhesive contact with the underside of the tile.

MEDIUM PADDY

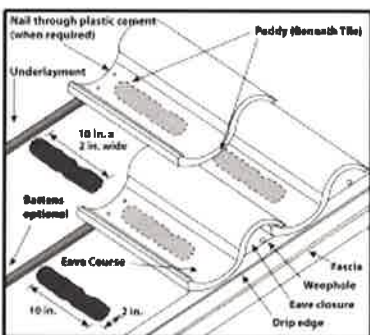
Large Paddy Placement



Flat/Low Profile Tile



Medium Profile Tile



High Profile Tile

Flat/Low Profile Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the strengthening rib closest to the overlock of the tile being set.
2. Continue in the same manner. Insure approximately 17 (109.7 cm²) – 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.

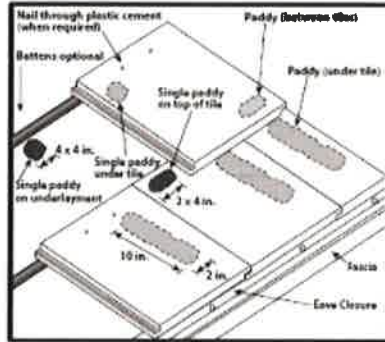
Medium Profile/Double Pan Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.
2. Continue in same manner. Insure approximately 17 (109.7 cm²) – 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.

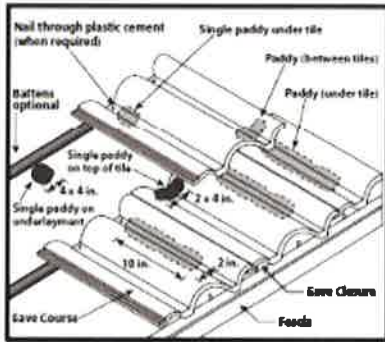
High Profile/Single Pan Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.
2. Continue in same manner. Insure approximately 17 (109.7 cm²) – 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.

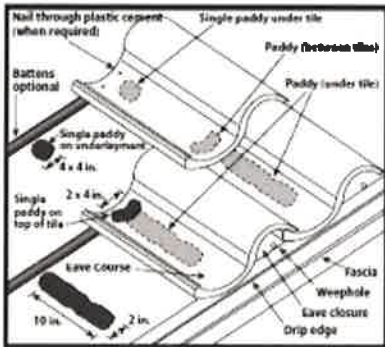
LARGE PADDY



Flat/Low Profile Tile



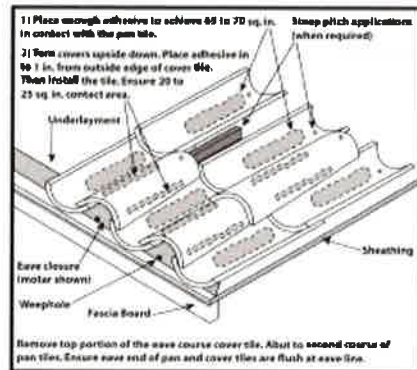
Medium Profile Tile



High Profile Tile

1. On the eave course only, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown, under the strengthening rib for flat tile or under the pan portion of the tile for low or high profile tile closest to the overlock of the tile being set. Leave approximately 4" (101.6 mm) up from the eave edge free of foam to prevent the expanded adhesive from blocking the weep holes. Insure approximately 17-23 in² (109.7-148.4 cm²) of adhesive contact with the underside of the tile.
2. Apply a 4" (101.6 mm) x 4" (101.6 mm) x 1" (25.4 mm) foam paddy onto the underlayment just below the second course line positioned foam paddy under the strengthening rib for flat tile, or under the pan portion of the tile, closest to the underlock for the second course tile to be installed. Insure approximately 8-9 in² (51.6-58.1 cm²) of adhesive contact with the underside of the tile.
3. Also apply a 2" (50.8 mm) x 4" (101.6 mm) x 3/4" (19 mm) paddy on top of the eave course tile surface as shown, on top of the strengthening rib for flat tile or on top of the pan portion of the tile, closest to the underlock of the first course of tile. Install second course of tile. It is easier to work in a horizontally however it is not mandatory. Insure approximately 9 (58.1 cm²) - 11 (71 cm²) square inch adhesive contact with the underside of the tile at the overlap and 7 (45.2 cm²) - 9 (58.1 cm²) square inch adhesive contact with the underside of the tile at the head of the tile. Continue in same manner.

TWO PADDY



Two Piece Barrel - High Profile Tile

Two Piece Barrel (Cap and Pan) Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under two adjacent pan tiles. Support eave tiles from rocking until adhesive has a chance to cure.
2. Continue in same manner bringing two pan courses up toward the ridge. Insure approximately 65 (419.4 cm²) – 70 (451.6 cm²) square inch adhesive contact with the underside of the pan tile.
3. Turn covers upside down exposing the underside of the tile. Apply a minimum 1" (25.4 mm) x 10" (254 mm) bead of adhesive directly on the inner edge of each side of the cover tile. Leave approximately 3/4" (19 mm) to 1" (25.4 mm) from the outside edge of the tile inward free of foam to allow for expansion.
4. Turn cover tile over after foam is applied and place onto pan tile course. Insure a minimum of 20 (129 cm²) – 25 (161.3 cm²) square inch contact area on each side of the cover tile to the pan tile. Continue in same manner. Trim away any cured exposed foam adhesive. Pointing of longitudinal edges of the cover tiles are considered optional.
5. When additional nailing is required, 2" (50.8 mm) x 4" (101.6 mm) nailers or the tie wire system using galvanized stainless steel or copper wire and compatible nails may be

- D. Adhere tile directly in freshly applied adhesive. Tile must be set prior to adhesive "skinning over" usually 1-2 minutes depending on the ambient temperature.
- E. The adhesive is not to be exposed permanently to ultra-violet rays (sunlight). Any exposed foam may be cut away and covered with mortar or coated with a good quality acrylic paint or paint designed for the application to polyurethane foam.
- D. All clay tile is to be re-used. Contractor to remove the existing clay tile and set aside for re-installation. Contractor to include cost of replacing damaged/broken tiles during installation in the base bid.

3.06 PROTECTION

- A. Protect the Work of this section until Substantial Completion.

3.07 CLEANUP

- A. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

END OF SECTION