Peralta Community College District  
501 5th Avenue  
Oakland, California 94606  
Phone (510) 466-7225  
Fax (510) 587-7873  
Purchasing Department

ADDENDUM No. 3  
Dated:  February 12, 2013  
Bid No.:  12-13/12  
( Project No. 2399)  
College of Alameda Cougar Village Expansion  
Modular Bid Submittal  
Package 1

This addendum supersedes items of the original contract documents wherein it is inconsistent with it. All other conditions remain unchanged. The following changes, modifications, corrections, additions or clarifications shall apply to the contract documents and shall be made a part of and subject to all of the requirements thereof as if originally specified or shown. It is the responsibility of the bidder to review the list of attachments to ensure that the addendum is full and complete. Acknowledge receipt of this addendum in the space provided on the BID FORM. Failure to do so may subject Bidder to disqualification.

List of attachments:  
Description of Changes with Bid Questions and Answers 4 pages  
Bidding Requirements, Bid Form 00400 4 pages  
Document 01 – 01100 Summary of Work 8 pages  
Document 01 – 01505 Construction Waste Management 3 pages  
Document 01 – 01520 Storm Water Pollution Prevention 6 pages  
Document 01- 01540 Site Safety and Security 3 pages

Bid Questions and Answers:  

1. Clarification requested on the restroom lavatories and faucets.  
   A: Specified lavatory to be Toto LT307. Specified faucet to be Toto TEL 5LG10 Gooseneck EcoPower Faucet.

2. Finish schedule for restrooms requested.  
   A: Walls are called out as FRP on Interior Elevations A5.09. Floors and base to be ceramic tile. Ceilings to be gypsum board, painted.

3. Clarification requested on finish level of drywall.  
   A: Level Four finish, U.O.N.

4. Clarification requested on floor finishes for buildings S, T, U and V.  
   A: Floor finish to be C-1 carpet, to match other classroom buildings.

5. R-value of roof insulation board requested.
A: To meet Title 24 Energy Code requirements and calculations, to be provided by Manufacturer

6. Roofing/flashing details requested.
   A: This is a bid for design/build modular buildings, and so roofing/flashing details that meet standards/regulations called out in the documents are to be provided by selected modular manufacturer.

7. If the intent is to lease the modular buildings, what is the duration of the lease period (12 months, 24 months etc.)?
   A: Bid A is to provide a price to lease the portables for a period of 3 years or 36 months; Bid B is to provide a price to purchase the portables.

8. Will used/modified modular buildings be acceptable for leasing, if in fact the project is for temporary use?
   A: No

9. Your website mentions that this Bid is not subject to the PLA and that only Prevailing Wage rates apply. However, your PLA is included in the package. Please confirm what is required.
   A: The Modular Package 1 is not subject to the PLA – only Prevailing Wage rates apply. The PLA was inserted for use by Package 2 – the site work.

10. Will used/previously leased/DSA approved stockpile buildings be considered – such as those leased through us for your Laney College project a few years back?
    A: No

11. Will the PCCD allow submittal of additional building option pages to bidders final Bid package such that the final approved/awarded Bid may be used by other public entities in the form of a piggyback?
    A: We could investigate this option, however, as bids will be due, there doesn’t seem to be enough time to properly investigate and seek approval for this option.

12. Please clarify quantity of Bid line items. Section 5 on Bid form page 00400-2 (Schedule of Bid Prices) describes the “Total Bid Price” to include Bid items 1 through 7. However, only four (4) line items are shown, of which only three (3) have a description listed.
    A: See new Bid Form 00400 attached and new 01100 Scope of Work attached for clarification

13. Please clarify/provide description of Line item #2 as listed on bid form page 00400-2 (Schedule of Bid Prices)
    A: See new Bid Form 00400 attached and new 01100 Scope of Work attached for clarification

14. Please clarify/provide description for Alternate no. 1 and Alternate no. 2 items as listed on Bid Form page 00400-2 (Schedule of Bid Prices)
    A: See 01100 Scope of Work for clarification

15. Is there an Engineer’s estimate for this project?
    A: $767,589
16. Can you confirm the due date for the Statement of Qualifications? Some of the documents show it is due February 5th, others show it is due in an envelope labeled Envelope B and submitted February 19th along with the bid in Envelope A.

**A:** Both dates are correct. If the bidder chooses to deliver the Statement of Qualifications February 5th, they will know whether they are acceptable as a responsible bidder. All others submitted only on February 19th, will need to wait to be evaluated even if they appear to be the apparent low bidder. Bidder please ensures that your Statement of Qualification is enclosed again on February 19th in Envelope B even if submitted previously on February 5th.

17. Will the District be enforcing Item 1.1.3 of Document 00821 (Insurance Requirements)?

**A:** Insurance requirements will be needed for all on-site related work to cover the total amount of contract.

18. Will the District confirm in Addendum #3 of both sale and lease prices are required in the bid?

**A:** The District will accept bids for both options, review Section 01100 for clarification.

19. The prequalification asks for “Experience of Designated Subcontractors” including “Specialty Subcontractor” Can we please receive clarification on what you are referring to as far as “Specialty Subcontractor”

**A:** All Subcontractors, for this purpose, are considered Specialty Subcontractors, some of the Subcontractor to be listed are: Fire Alarm Contractor, Low Voltage Contractor, Site set-up Contractor etc.

20. Is it mandatory to list subs on prequel?

**A:** All Subcontractors shall be listed to the best of your knowledge.

21. Please provide the cost of liquidated damages.

**A:** Liquidated Damages shall be at the rate of $2,000 per phase per Calendar day. Bidder shall review Section 00200, Item 33 Project Schedule

**CHANGES TO THE PROJECT MANUAL:**

**Item no. 1** Document 00010 Table of Contents, Division 1 – General Requirements, delete 01000 Summary.

**Item no. 2.** Document 00010 Table of Contents, Division 1 – General Requirements, add Section 01505 Construction Waste Management

**Item no. 2.** Document 00010 Table of Contents, Division 1 – General Requirements, add Section 01520 Storm Water Pollution

**Item no. 3** Document 00010 Table of Contents, Division 1 – General Requirements, add Section 01540 Site Safety and Security

**Item no. 4** Document 00010 Table of Content, Division 2 – Technical Requirements, change 23 3100 label from, “Testing, Adjusting and Balancing for HVAC” to HVAC Ducts and Casings”

**Item no. 5** Document 00015 List of Drawings, Tables and Schedules, Electrical, add sheet E1.01L Site plan Lighting, E3.02 Panel board Schedule and MP3.01 Details to list of drawings

**Item no. 6** Document 00015 List of Drawings, Tables and Schedules, Electrical, change E1.0S to E1.06

**Item no. 7** Document 00100 Notice Inviting Bids, item 12 Restrictions on Substitutions, change “60 days” to “30 days” after the issuance of the Notice of Award.

**Item no. 8** Document 00200 Instruction to Bidders, item 7 Required Bid Form, 7.1 delete “Document 00460 Schedule of Major Equipment and Material Suppliers”.

**Item no. 9** Document 00200Instruction to Bidders, item 15 Substitution, item 15.1.1, delete “..and set
Item no. 10
Document 00200 Instruction to Bidders, add the following, “Item 32 Liquidated Damages, 32.1 Liquidated Damages shall be imposed at the rate of $2,000 per phase per calendar day.”

Item no. 11
Document 00200 Instruction to Bidders, add the following, “Item 33 Project Schedule, 33.1; the Project is phased construction for site work as well as for package 1 modular buildings. Only the Phasing for the Modular Bid Submittal Package 1 is shown as follows: Phase 1: Contractor shall have thirty (30) calendar days from the Notice of Award to submit any substitution requests. Failure to submit requests shall bind the contractor to deliver all specified products without exception. Phase 2: Contractor shall have a maximum time of thirty (30) calendar days from Phase 1 to receive approval of PC from DSA. Submission of PC drawings to the District prior to the thirty (30) calendar days shall be at no additional cost or expense to the District. PC Drawings shall be delivered electronically as well as three hardcopy sets. Phase 3: At the Notice to Proceed - 1, Contractor shall have 160 calendar days to fabricate all modular units as shown on the contract documents. Phase 4: Delivery of the modular units to the project site, including installation of all systems shall be performed in 50 calendar days. Work shall include coordination with the Site work Contractor to energize all systems for start-up, testing and commissioning. Phase 5: At the Notice to Proceed – 2, Furnish and install ramps, stairs and railings in 10 calendar days.

Item no. 12
Document 00400 Bid Form, delete the bid form and replace with the attached Document 00400 Bid Form.

Item no. 13
Document 00450 Statement of Qualifications for Construction Work, 1. General Information, item 1.1.1 (2) add the following, “For modular manufacturer, the criteria is $1.5 million each, or $3 million in the aggregate.”

Item no. 14
Document 00450 Statement of Qualifications for Construction Work, 2. Required Contents of SOQ Submission, item 2.2 Financial Capacity delete, “…for three most recently completed fiscal years for any parent companies…” to for the last most recent completed fiscal year for audited financial statement and two most recently completed fiscal year for reviewed financial statements.”

Item no. 15
Document 00450 Statement of Qualifications for Construction Work, item 2.6 Completed Questionnaire, item 2.6.1, add the following “For Modular Package 1, Public works construction projects of at least $1.5 million each or $3 million aggregate.”

Item no. 16
Document 00450, Statement of Qualifications for Construction Work, Part C: Experience of Prime Contractor, change, “… or 30 million in the aggregate…” to “…or 5 million in the aggregate…”

Item no. 17
Document 00482 Bidder Certification, page 2 add signature line, date line and printed name line including position of person having authority to sign.

Item no. 18
Document 00520 Agreement, item 5 Contract Documents, 5.1 delete list and provide updated list per Table of Contents and addenda. Contractor shall be aware that this agreement is for example purposes only and all relevant timelines and information will be inserted per the contract documents at the time of award.

Item no. 19
Document 00610 Construction Performance Bond, change project no. from 2345 to 2399.

Item no. 20
Document 00700 General Conditions, everywhere where, “Enter final division number” is shown enter 33.

Item no. 21
Document 01 1000 Summary delete all three copies in its entirety.

Item no. 22
Document 01 1100 Summary of Work, delete all two copies in its entirety and replace with the attached 01 1100 Summary of Work.

Item no. 23
Add Document 01 1505 Construction Waste Management
Item no. 24  Add Document 01 1520 Storm Water Pollution
Item no.  Add Document 01 1540 Site Security and Safety
Item no. 23  Document 01 02100 Allowances, delete in its entirety.
Item no. 24  Document 01 02500 Substitution delete item 0.2.1.c. Substitution for Convenience in its entirety.
Item no.25  Document 01 02501, under substitution for convenience, change “not allowed in accordance with Section 01 1250…” to “not allowed in accordance with Section 01 2500…”

End of Addendum no. 3
DOCUMENT 00400

BID FORM

TO THE BOARD OF TRUSTEES OF PERALTA COMMUNITY COLLEGE DISTRICT

THIS BID IS SUBMITTED BY:

____________________________________________________________________________________

(Firm/Company Name)

Re: Peralta Community College District
Cougar Village Expansion Modular Bid Submittal Package 1 at College of Alameda, 555 Atlantic Avenue (Ralph Appezzato Memorial Parkway), Bid No.12-13/12, Project No.: 2399

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Peralta Community College District (hereinafter “Owner”) in the form included in the Contract Documents, Document 00520 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents.

2. Bidder accepts all of the terms and conditions of the Contract Documents, Document 00100 (Notice Inviting Bids), and Document 00200 (Instructions to Bidders), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 60 Days after the day of Bid opening.

3. In submitting this Bid, Bidder represents:
   (a) Bidder has examined all of the Contract Documents and the following Addenda (receipt of all of which is hereby acknowledged).

<table>
<thead>
<tr>
<th>Addendum Number</th>
<th>Addendum Date</th>
<th>Signature of Bidder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(b) Bidder acknowledges receipt of Pre-Bid Conference minutes, if any.

(c) Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as required in Document 00700 (General Conditions), Article 2.

(d) Bidder has given Owner prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by Owner is acceptable to Contractor.

4. Based on the foregoing, Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:
## SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01100 (Summary of Work). Quote in figures only, unless words are specifically requested.

### BID A

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Base Bid – as identified in Section 01100 for leased portables</td>
<td>$</td>
</tr>
<tr>
<td>2.</td>
<td>Unit Pricing</td>
<td>$</td>
</tr>
<tr>
<td>3.</td>
<td>Allowances for Unforeseen Conditions and Coordination</td>
<td>$</td>
</tr>
<tr>
<td>4.</td>
<td>Alternates</td>
<td>$</td>
</tr>
</tbody>
</table>

Total | TOTAL BID A PRICE | $ |

Total Bid A Price: ____________________________________________ (Words)

### BID B

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Base Bid – as identified in Section 01100 for purchased portables</td>
<td>$</td>
</tr>
<tr>
<td>2.</td>
<td>Unit Pricing</td>
<td>$</td>
</tr>
<tr>
<td>3.</td>
<td>Allowances for Unforeseen Conditions and Coordination</td>
<td>$</td>
</tr>
<tr>
<td>4.</td>
<td>Alternates</td>
<td>$</td>
</tr>
</tbody>
</table>

Total | TOTAL BID PRICE | $ |

Total Bid Price: ____________________________________________ (Words)

5. Selection of Apparent Low Bidder The undersigned acknowledges that the Apparent Low Bidder will be the Bidder submitting the “Total Bid Price” (i.e., the total of Bid Items 1 through 4) based on the assumptions (if any) set forth in the Schedule of Bid Prices. The Total Bid Price for Bid A or Bid B shall be used to select the lowest responsible bidder; contract of each bid item is at the District’s discretion. Award of Bid A as opposed to Bid B is at the District’s sole discretion.

6. Subcontractors for work included in all Bid items are listed on the attached Document 00430 (Subcontractors List).

7. The undersigned Bidder understands that Owner reserves the right to reject this Bid.

8. If written notice of the acceptance of this Bid, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in Paragraph 2 of this Document 00400 or at any other time thereafter before it is withdrawn, the undersigned Bidder will execute and deliver the documents required by Document 00200 (Instructions to Bidders) within the times specified therein. These documents include, but are not limited to, Document 00520 (Agreement), Document 00610 (Construction Performance Bond), and Document 00620 (Construction Labor and Material Payment Bond).

9. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.

10. The undersigned Bidder herewith encloses cash, a cashier’s check, or certified check of or on a responsible bank in
the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in form specified in Document 00200 (Instructions to Bidders), in the amount of ten percent (10%) of the Total Bid Price and made payable to Owner.

11. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Document 00700 (General Conditions) and to complete all Work within the time specified in Document 00520 (Agreement).

12. The undersigned Bidder agrees that, in accordance with Document 00700 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Document 00520 (Agreement) shall be as set forth in Document 00520 (Agreement).

13. The names of all persons interested in the foregoing Bid as principals are:

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if Bidder or other interested person is an individual, give first and last names in full.

NAME OF BIDDER: ____________________________________________________________

Licensed in accordance with an act for the registration of Contractors, and with license number:_________________

_______________________________________ Expiration: ___________________.

_______________________________________ (Place of Incorporation, if Applicable) (Principal)

_______________________________________ (Principal)

_______________________________________ (Principal)

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

_______________________________________ (Signature of Bidder)

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address: __________________________________________________________

___________________________________________________________________________

Contractor’s Representative(s): _____________________________________________

(Name/Title)
Officers Authorized to Sign Contracts

__________________________________________ (Name/Title)
__________________________________________ (Name/Title)
__________________________________________ (Name/Title)
__________________________________________ (Name/Title)

Telephone Number(s):

(Area Code)    (Number)

(Area Code)    (Number)

Fax Number(s):

(Area Code)    (Number)

(Area Code)    (Number)

Date of Bid:

END OF DOCUMENT
SUMMARY OF WORK – PACKAGE 1
SECTION 01100

PART 1 GENERAL

1.1 SUMMARY

1.1.1 Section includes Summary of Work and Work Restrictions including:

(1) Project Information
(2) Work Covered By Contract Documents
(3) Specific Inclusions
(4) Specific Exclusions
(5) Work by Owner
(6) Bid Item, Unit Pricing, Allowances and Alternates
(6) Purchase Contracts
(7) Owner Furnished Products
(8) Contractor Use of Site
(9) Coordination with Occupants
(10) Work Restrictions
(11) Work Sequence
(12) Cooperation of Contractor and Coordination with Other Work

1.2 PROJECT INFORMATION

1.2.1 Project Identification: College of Alameda, Cougar Village Expansion, Modular Bid Submittal, Package 1.
NBBJ project number 100624.00
1. Project Location: 555 Ralph Appezzato Memorial Parkway, Alameda, California.

1.2.2. Owner: Peralta Community College District.
1. Owner's Representative: Johnnie Fudge, jfudge@peralta.edu

1.2.3. Architect: Mark B. Steppan, NBBJ.

1.2.4. Other Owner Consultants: The Owner has retained the following design professionals who have prepared designated portions of the Contract Documents:
1. TMAD Taylor & Gaines

1.3 WORK COVERED BY CONTRACT DOCUMENTS

1.3.1. The Work of the Package 1 Project is defined by the Contract Documents and consists of the following:

A. The addition of new portable buildings on the College of Alameda campus to temporarily house departments and students that are currently in buildings C & D, including general use classrooms. This package 1 is for the new portable buildings with the goal to select a portable manufacturer to provide all required Work for the Project as described within these documents including the manufacturer’s own PC drawings. Once a manufacturer is selected and contracted with, the intent is for them to produce their required PC drawings which will be submitted to the Division of the State Architect (DSA), along with this documentation package, for review and approval by DSA.
The work includes fabrication of all new portables as shown in the contract documents, delivery and installation of all portables, including associated electrical, plumbing, low voltage, communications, data cabling, telephone, exterior and interior lighting and corresponding ramps, stairs and railings.

This package 1 Project does **not** include the Work of the renovations nor relocation of existing Cougar Village portables, nor of the underground utilities or other associated site work that is not within the standard responsibility of a portable manufacturer. Contract Documents fully describe the Work.

1.3.2 Unless provided otherwise in the Contract Documents, all risk of loss to Work covered by Contract Documents shall rest with Contractor until Final Acceptance of the Work. Cost of maintenance of systems and equipment prior to Final Acceptance will be considered as included in prices Bid and no direct or additional payment will be made therefore.

1.3.3 Work and requirements applicable to each individual Bid item, or unit of Work, shall be deemed incorporated into the description of each Bid item (whether Lump Sum or Unit Price). Any Bid item may be deleted from the Work and Contract Sum, in total or in part, prior to or after award of Contract without compensation in any form or adjustment of other Bid items or prices therefore.

1.3.4 The Contract Documents are presented as complete and with the intention to provide a complete system. Any discrepancies or omissions shall be brought to the District’s attention prior to bid. This is a lump sum bid – no exclusions shall be accepted on the bid proposal form.

1.3.5 Bidders are assumed to be knowledgeable of this type of work and shall include all normal requirements to produce a complete system ready for its intended use as described by these documents.

1.3.6 Bidders are required to make a site tour and become familiar with the site and existing conditions prior to bidding

1.3.7 Provide unit prices, alternate prices, and breakout prices as requested on the Bid Form and the specifications

1.3.8 Allowance Work shall be done as Change Orders and as specified in Section 01250 (Modification Procedures).

1.3.9 Your base lump sum proposal is to be based upon District withholding a10% retention from the progress payments. Final payment will be made as described in the Agreement and General Conditions.

1.3.10 Work is to be performed in accordance with the phased schedule. A detailed schedule and corresponding Schedule of Values will be required from the Contractor within ten (10) business days of District’s Notice of Award.

1.3.11 All remaining complete submittal packages shall be submitted to District within thirty (30) days of District’s Notice of Award.

1.3.12 General: Provide protection of public right-of-way from materials and methods of construction. Protect existing utilities and buildings to remain from damage while engaged in new work. Repair any damage caused by construction operations.

1.3.13 Contractor is limited to a lay down area contained within the project area. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site

1.3.14 Contractor shall provide barricades sufficient to limit access to the area and/or provide other means approved by the District to maintain security while performing the on-site work.

1.3.15 This Contractor is responsible to remove any existing barricades in order to provide access to and sufficient space for construction activities.

1.3.16 Contractor shall provide all construction power requirements and all utility requirements needed for his work. If on-site service is required this Contractor shall compensate the District for the subsequent increase in power/utility usage. This Contractor shall include **$3,000** as an allowance for water and electric usage for construction purposes.
1.3.17. Contractor shall provide all necessary port-a-toilets, to include hand washing facilities as recommended CalOSHA requirements. Contractor shall provide all potable water for his workers and subcontractors as needed.

1.3.18. Working hours for performing the Work are limited to 7:00 AM to 5:00 PM unless approved in writing in advance by the District’s Project Manager.

1.3.19. A consistent, single source of responsibility for fieldwork supervision will be required. Additionally, this individual will be required to attend weekly coordination meetings called by District’s Construction Manager once on-site work has begun. During letting of the site work, under separate contract, this Contractor shall make themselves available to attend construction meetings for coordination and updating purposes.

1.3.20. No parking is provided for Contractor – any on-site vehicles are limited to vehicle required for working purposes. Contractor shall be provided with five (5) parking permits to park in student parking. Contractor shall be required to move his off-hauling trucks in order to maintain access for District staff parking adjacent to Bldg. F.

1.3.21. This Contractor shall provide any coordination assistance to the site work Contractor or finishing Contractor as required.

1.3.22. Each Contractor is responsible for cleaning all mud, dirt, debris, etc., from their vehicles prior to leaving the site. Streets are to be kept clean at all times. See Section 01520 Storm Water Pollution Prevention.

1.3.23. The Contractor is responsible for removing all debris from its work locations and depositing it into debris boxes provided by the Contractor on an on-going and daily basis.

1.3.24. The Contractor is to provide all temporary protection (dust, safety, etc.), which is required by or associated with their Work. Such protection is to include but not be limited to steel plates over trenching, signage, barriers, construction temporary gates and fencing.

1.3.25. The rigging and hoisting of all material, equipment and debris is the responsibility of the Contractor.

1.3.26. Contractor shall be aware that this is an occupied site.

1.3.27. This Contractor shall provide all start up and commissioning required for all systems installed by this Contractor.

1.3.28. Contractor shall take precautions to keep the portables clean from all construction work inside the portables and is responsible to replace any ceiling tiles that Contractor may damage during the course of his work.

1.4. SPECIFIC INCLUSIONS

The following inclusions are only intended to clarify what is in the Scope of Work, but in no way limits the Scope of Work to these items.

1.4.1. Submission of DSA approved PC Drawings to the District for inclusion in the site work project documents.

1.4.2. Fabrication of portable modular units per the contract documents; work to include a complete and functional HVAC, electrical, plumbing, lighting and lighting controls, communications, security and data low voltage system – as shown on the contract documents. The limit of work shall be to extend five feet from each modular building for future tie in to the site work.

1.4.3. Contractor shall provide all tie-in conduits for the exterior lighting system as called out in the contract documents to provide a fully functional system including, but not limited to the light control panel.

1.4.4. Installation of all in place furnishings as shown on the contract documents to include cabinets, whiteboards etc.

1.4.5. Installation of all bracing for District furnished equipment as shown to be installed under separate contract.

1.4.6. All electrical panel boards to include dedicated circuits as shown; where not shown contractor shall limit four outlets to one circuit for sizing purposes.

1.4.7. Installation of all cabinets, marker boards etc. as called out in the contract documents.
1.4.8. Furnish and install all ramps, steps and railings for all new portables as shown on the contract documents. Contractor shall provide cost to provide ramps, steps and railings for relocated portables as an additive alternate.

1.4.9. Furnish and install all plumbing fixtures, piping and sanitary sewer lines as called out in the contract documents.

1.4.10. Storm water preventive measures during the course of work.

1.4.11. Coordination with the site work Contractor

1.4.12. All data and telecom wiring, jacks and faceplates for complete and operable data and telephone systems.

1.4.13. All security and safety measures. Contractor shall designate an on-site safety coordinator.


1.4.15. All coordination, including requirements needed, including documents to the site Contractor to ensure all requirements for setting the portables is met.

1.4.16. Trucking, taxes, delivery, block/level and set up of portables. To include all ramps, steps, railings and connection/fill-in pieces between portables.

1.5 SPECIFIC EXCLUSIONS

1.5.1. All site utility installation

1.5.2. All site work including grading

1.6 WORK BY OWNER

1.6.1. General: Cooperate fully with Owner so work may be carried out smoothly, without interfering with or delaying work under this Contract or work by Owner. Coordinate the Work of this Contract with work performed by Owner.

1.6.2. Concurrent Work: Owner may perform concurrent work at Project site. Those operations will be conducted simultaneously with work under this Contract.

1.7 BID ITEMS – UNIT PRICING, ALLOWANCES AND ALTERNATES

1.7.1. All base bid work as shown in the contract documents. Bids will be Bid A and Bid B. The District will award either the lowest responsible bid of Bid A OR Bid B, but not both, at the District’s discretion.

1.7.2. Bid A includes the bid of leased portables including all unit pricing, allowances and alternates. The leased portables shall be for a period of 3 years or 36 months. Bid B includes the bid of purchased portables including all unit pricing, allowances and alternates.

1.7.3 Unit Pricing:

Contractor shall include in each unit price all general requirements, general conditions, overhead and profit

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Unit</th>
<th>Price per Unit</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>UP01</td>
<td>Furnish and install additional steps – to be used per unit step or multiple steps – at District’s discretion</td>
<td>20 steps</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>UP02</td>
<td>Furnish and install additional ramps – to be used at District’s discretion regarding square footages</td>
<td>2000 SF</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>UP03</td>
<td>Furnish and install 1 inch conduit – to be used at whatever length District</td>
<td>2000 LF</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>
desires. Work includes all bracing and shall be install per
general good practice

UP04 Furnish and install 2 inch
conduit – to be used at
whatever length District
desires. Work includes all
bracing and shall be install per
general good practice

2000 LF $  

Insert total price on Bid Form, Item 2 $_________________

1.7.4. Allowances
Use of Allowances is by approved change order – Contractor to review GC and 01250
Modification Procedures per contract

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>All 01</td>
<td>Unforeseen site condition that would impact this Contractor</td>
<td>$50,000</td>
</tr>
<tr>
<td>All 02</td>
<td>Work in relationship with existing portables</td>
<td>$25,000</td>
</tr>
<tr>
<td>All 03</td>
<td>Use of on-site utilities if needed</td>
<td>$3,000</td>
</tr>
</tbody>
</table>

Insert total price on Bid Form, Item 3 $78,000

1.7.5. Alternates:
Contractor shall include in price all general requirements, general conditions, overhead and
profit

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt01</td>
<td>Additive Alternate - all work shown on Sheets A1.07, E1.08 and E2.07 for portables S,T,U,V including freight, taxes, set-up, block/level for all.</td>
<td></td>
</tr>
<tr>
<td>Alt02</td>
<td>Furnish and install new ramps, steps and railings to relocated portables to match ramp, steps and railings provided to new portables Cost shall include additional phasing time needed to allow for others to set the existing portables in place.</td>
<td></td>
</tr>
</tbody>
</table>

Insert total price on Bid Form, Item 4 $_________________

1.8. PURCHASE CONTRACTS (Reference Only)
Not Applicable

1.9. OWNER-FURNISHED PRODUCTS

1.9.1. Owner will furnish products indicated. The Work includes receiving, unloading, handling,
storing, protecting, and installing Owner-furnished products.

1.9.2. Owner-Furnished Products:
A. Bulletin boards.
B. Existing furniture that requires bracing.

1.10. ACCESS TO SITE

1.10.1. General: Contractor shall have limited use of Project site for construction operations
during construction period. Contractor's use of Project site is limited only by Owner's
right to perform work or to retain other contractors on portions of Project.
1.10.2. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.

1.10.3. Driveways, Walkways and Entrances: Keep driveways and roadways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
   a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
   b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

1.11. COORDINATION WITH OCCUPANTS

1.11.1. Partial Owner Occupancy: Owner will occupy the College during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits unless otherwise indicated.
   A. Maintain access to existing walkways, streets and other adjacent occupied or used facilities. Do not close or obstruct walkways, streets, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
   B. Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
   C. Owner Limited Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and limited occupancy shall not constitute acceptance of the total Work.

1.11.2. Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner acceptance of the completed Work.

1.11.3. Before limited Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of Work.

1.11.4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work.

1.12. WORK RESTRICTIONS

1.12.1. Work Restrictions, General: Comply with restrictions on construction operations.
   A. Comply with limitations on use of public streets and other requirements of authorities having jurisdiction.

1.12.2. On-Site Work Hours: Limit work to normal business working hours of 7:30 a.m. to 5:00 p.m., Monday through Friday, except as otherwise indicated.

1.12.3. Weekend Hours: As approved by the Owner.

1.12.4. Early Morning Hours: As approved by the Owner.

1.12.5. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:

1.12.6. Notify Construction Manager or Owner not less than three days in advance of proposed utility interruptions.

1.12.7. Obtain Construction Manager's written permission before proceeding with utility interruptions.

1.12.8. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
1.12.9. Notify Construction Manager or Owner not less than three days in advance of proposed disruptive operations.

1.12.10. Obtain Construction Manager's or Owner's written permission before proceeding with disruptive operations.

1.12.11. Nonsmoking Campus: Smoking is not permitted within the building or within 25 feet (8 m) of entrances, operable windows, or outdoor air intakes.

1.12.12. Controlled Substances: Use of tobacco products and other controlled substances is not permitted.

1.12.13. Employee Identification: Provide identification tags for Contractor personnel working on the Project site. Require personnel to utilize identification tags at all times.

1.12.14. Employee Screening: Comply with Owner's requirements regarding any required screening of Contractor personnel working on the Project site. Maintain list of approved screened personnel with Owner's Representative.

1.12.15. All security of tools and modular units delivered to the site is the responsibility of this Contractor. All security measures such as temporary locks, security alarms etc. shall be included in the contract price.

1.13. **WORK SEQUENCE**

1.13.1. All work shall be phased as follows:

   **Phase 1:** Contractor shall have thirty (30) calendar days from the Notice of Award to submit any substitution requests. Failure to submit requests shall bind the contractor to deliver all specified products without exception.

   **Phase 2:** Contractor shall have a maximum time of thirty (30) calendar days from Phase 1 to receive the PC designation from DSA. Submission of PC drawings to the District prior to the thirty (30) calendar days shall be at no additional cost or expense to the District. PC Drawings shall be delivered electronically as well as three hardcopy sets.

   **Phase 3:** At the First Notice to Proceed, Contractor shall have 160 calendar days to fabricate all modular units as shown on the contract documents, including all additive alternate modular units.

   **Phase 4:** Delivery of the modular units to the project site, including installation of all systems shall be performed in 50 calendar days. Work shall include coordination with the Site work Contractor to energize all systems for start-up, testing and commissioning.

   **Phase 5:** At the Second Notice to Proceed, Furnish and install ramps, stairs and railings in 10 calendar days.

1.14 **COOPERATION OF CONTRACTOR AND COORDINATION WITH OTHER WORK**

1.14.1 All work of this contract shall be coordinated with the work of the Site Contractor and any other District contracted contractor that the District shall so desire to provide and complete all phase of construction.

1.14.2. Contractor shall be aware that delivery of portables to the site may be delayed pending approval and completion of site work.

**PART 2 -PRODUCTS (NOT USED)**

**PART 3 -EXECUTION (NOT USED)**

END OF SECTION
CONSTRUCTION WASTE MANAGEMENT

SECTION 01505

PART 1 GENERAL

1.01 SUMMARY

A. Section specifies diversion of construction and demolition debris from landfill.

B. Related requirements specified elsewhere include:
   1. Section 5000 Temporary Facilities and Controls
   2. Section 01520 Storm Water Pollution

1.02 SYSTEM DESCRIPTION

A. Performance Requirement: Divert a minimum of 75 percent of construction and demolition waste from landfill.

1.03 DEFINITIONS

A. "Conversion Rate" means the rate set forth in the LEED™ Reference Guide, for use in estimating the weight or volume of materials identified in the Waste Management Plan.

B. "Divert" means to use material for any purpose other than disposal in a landfill or transfer facility.

C. "Good faith" shall be as defined by law.

D. "Net cost" means that the following have been subtracted from the cost of separating and recycling:
   1. Revenue from the sale of recycled or salvaged materials
   2. Landfill tipping fees saved due to diversion of materials from the landfill.

E. "Recycling Service" means an off-site service that provides processing of material and diversion from landfill.

F. "Hauler" means the entity who transports construction and demolition debris to either a landfill or a recycling service.

1.04 SUBMITTALS

A. Submit specified Waste Management Plan to indicate how waste will be diverted from landfills.

B. Submit certification from recycling services that are not listed in Alameda County Waste Management Authority’s “Builders’ Guide to Re-use & Recycling, A Directory For Construction and Demolition Materials”.

C. Demolition Recycling AB75 Forms
1.05 QUALITY ASSURANCE

A. Recycling service company qualifications; any of the following:


2. Any recycling services that will certify in writing that accepted waste will be diverted from landfill, not dumped illegally, or dumped at sea.

1.06 WASTE MANAGEMENT PLAN

A. Plan Development: Use written and graphic representation to indicate proposed deconstruction and salvage opportunities and potential markets for salvaged materials. The plan should include estimated costs associated with recycling, salvaging and reusing materials and should also address source reduction of materials use.

1. Include in Plan on-site recycling of construction debris and also off-site diversion from landfill.

2. Propose means and methods for collecting and separating each type of debris deemed reusable or recyclable.

3. Identify the off-site recycling service and hauler of each designated debris item, who have agreed to accept and divert that item from landfill, in the proposed quantities anticipated. Schedule each item and list off-site recycling service and hauler company name, telephone number, address, and person contacted.

4. Include a "good faith" estimate of each type of construction waste that would be generated if no diversion methods were implemented. Submit with calculations based upon weight of each material. Convert volume measurements to weights in accordance with the defined Conversion Rate. The following items are subject to the "good faith" estimate and diversion requirement:

a. Asphalt concrete
b. Portland cement concrete
c. Brick, clay products and ceramic tile
d. Aggregate
e. Clean earth fill
f. Metals
g. Wood products, including pallets
h. Plant and tree trimmings
i. Mixed Waste
  1) Gypsum board
  2) Plastic piping
  3) Glass, excluding that used for containers
  4) Insulations
  5) Acoustical ceiling tiles, panels and boards
  6) Resilient floorings
  7) Carpets, and polyurethane foam pads
  8) Cardboard and paper products
6. Submit within 15-calendar days after receipt of Notice of Award of Bid, or prior to any waste removal, whichever occurs sooner.

B. Plan Implementation

1. Maintain log of each load, of each category item diverted from landfill. Log in separately debris sent to a Class III landfill and materials sent to recycling facilities.

a. Include in log the type of load, load weight, name of hauling service; recycling service or landfill, and date accepted by recycling service or by landfill.

b. Owner reserves the right to audit the log at any time, retain and make available, all weight tickets, copies of receipts and invoices.

c. Units of measure: Use same units as stated in the approved plan "good faith" estimate of construction waste that would be generated if no remedial methods were implemented.

2. Material handling

a. Separation facilities

1) Designate a specific on site area or areas to facilitate separation of materials for potential reuse, salvage, recycling, and return.
2) Keep waste bins and pile areas neat and clean. Clearly mark bins for each category of waste. Do not commingle non-recyclable waste with materials designated for reuse or recycling.

b. Environmental controls during handling, storage, or transport: Do not permit designated materials to become contaminated or to contaminate site or surrounding areas.

3. Training and coordination

a. Furnish copies of the Waste Management Plan to all on-site supervisors, each subcontractor, the Owner, and the Architect.

b. Instruction: Provide on-site instruction of appropriate separation, handling, and recycling, salvage, reuse, and return methods to be used by all entities at the appropriate stages of the Project.

c. Meetings: Include construction waste management on the agenda of meetings. At a minimum, discuss waste management goals and issues at the following meetings:

1) Pre-bid meetings.
2) Pre-construction meeting.
3) Regularly scheduled job-site meetings.

C. Hazardous waste: Separate hazardous waste. Store and dispose of according to local regulations.

PART 2 PRODUCTS - Not Used
PART 3 EXECUTION - Not Used

END OF SECTION
SECTION 01520

STORM WATER POLLUTION PREVENTION

PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Preventing pollution of storm water runoff from construction site by keeping
      pollution out of storm drains, reducing exposure and discharge of materials and
      wastes to storm water, and by reducing erosion and sedimentation. Storm drains
      discharge runoff to creeks and the Bay without treatment.
   2. Construction operations and materials subject to compliance with the
      Collaborative for High Performance Schools (CHPS) requirements.

B. Related Sections:
   1. Section 03100 - Project Management and Coordination.
   2. Section 05000 - Temporary Facility and Controls
   3. Section 01505 - Construction Waste Management

1.2 QUALITY ASSURANCE

A. Regulatory Requirements: For sites over one (1) acre in size, comply with the following:
   1. State Water Resources Control Board: Obtain permit form from website at
      www.swrcb.ca.gov; click on Water Quality, Storm Water, and Construction.
   2. Erosion Control Ordinance for the City where Project is located.
   3. In addition to the standards described in this Section, comply with pertinent
      requirements of other government agencies having jurisdiction over this Work.

B. A weekly inspection, and more often if necessary, shall be conducted by the District to
   verify that requirements for storm water control are being met.

1.3 GENERAL REQUIREMENTS

A. Comply with Erosion and Sedimentation Control requirements for CHPS Sustainable
   Sites, Storm water Management, Prerequisite #2.

B. Comply with Section 01560 - Construction Waste Management.

C. The following general requirements shall be met on all projects within the District.

   1. Non-hazardous Material/Waste Management
      a. Designated Area: Propose designated areas of the project site, for
         approval by the District Representative, suitable for material delivery,
         storage, and waste collection that, to the maximum extent practicable, are
         near construction entrances and away from catch basins, gutters,
         drainage courses, and creeks.
      b. Granular Material:
         1) Store granular material at least ten feet away from basin and curb
            returns.
2) Do not allow granular material to enter the storm drains or creeks.
3) When rain is forecast within 24 hours or during wet weather, the District Representative may require the Contractor to cover granular material with a tarpaulin and to surround the material with sand bags.

c. Dust Control: Use reclaimed water to control dust on a daily basis or as directed by the District Representative.

d. Cleaning Paved Storage Areas: Thoroughly clean all on-site paved areas used for storage of materials or otherwise utilized or involved during the work immediately after the materials are removed from storage. Cleaning shall be accomplished by sweeping and not with use of water.

e. Recycling:
   1) To the extent practicable, recycle aggregate base material, asphalt concrete, and Portland cement concrete as described in these Specifications.
   2) In addition, to the maximum extent practicable, reuse or recycle any useful construction materials generated during the project. Refer to Section 01560.

f. Disposal:
   1) Maintain the project site in a clean and orderly manner at all times. To the extent practicable, the Contractor shall collect scrap, debris, and waste material, and dispose of such materials properly. The District Representative may direct the Contractor to clean and dispose of such materials at any time should the situation, in his opinion, constitute a danger.
   2) Inspect dumpsters for leaks and contact trash hauling contractors to replace or repair dumpsters that leak.
   3) Do not discharge water on-site from cleaning dumpsters.
   4) Arrange waste collection before dumpsters overflow.

2. Hazardous Material/Waste Management
a. Storage:
   1) Label and store all hazardous materials, such as pesticides, paints, thinners, solvents, and fuels; and all hazardous wastes, such as waste oil and Antifreeze; in accordance with the Sonoma County Hazardous Materials Storage Ordinance and all applicable State and Federal regulations.
   2) Store all hazardous materials and all hazardous wastes in accordance with secondary containment regulations, and it is recommended that these materials and waste be covered, as needed, to avoid potential management of collected rainwater as a hazardous waste.
   3) Keep an accurate, up-to-date inventory, including Material Safety Data Sheets (MSDS), of hazardous materials and hazardous wastes stored on-site, to assist emergency response personnel in the event of a hazardous materials incident.

b. Usage:
   1) When rain is forecast within 24 hours or during wet weather, the District Representative may prevent the Contractor from applying chemicals in outside areas.
2) Do not over apply pesticides or fertilizers and shall follow material manufacturers instructions regarding uses, protective equipment ventilation, flammability, and mixing of chemicals. Over-application of a pesticide constitutes a “label violation” subject to an enforcement action by the Sonoma County Agriculture Department.

c. Disposal:
1) Arrange for regular hazardous waste collection to comply with time limits on storage of hazardous waste.
2) Dispose of hazardous waste only at authorized and permitted Treatment, Storage, and Disposal Facilities, and use only licensed hazardous waste haulers to remove the waste off-site, unless quantities to be transported are below applicable threshold limits for transportation specified in State and Federal regulations.
3) If the Contractor qualifies as a “Conditionally Exempt Small Quantity Generator” as defined under State and Federal regulation, then the Contractor may dispose of this waste through a city-sponsored program. Information this program may be requested by calling (415)496-6980.

3. Spill Prevention and Control:
  a. Keep a stockpile of spill cleanup materials, such as rags, or absorbents, readily accessible on-site.
  b. Immediately contain and prevent leaks and spills from entering storm drains, and properly clean up and dispose of the waste and clean up materials. If the waste is hazardous, the Contractor shall handle the waste as described in section A.2.c above.
  c. Do not wash any spilled material into streets, gutters, storm drains, or creek and shall not bury spilled hazardous materials.
  d. Report any hazardous materials spill to the Sonoma County Department of Environmental Health, and to the District’s Representative.

4. Vehicle/Equipment Cleaning:
  a. Do not perform vehicle or equipment cleaning on-site or in the street using soaps, solvents, degreasers, steam cleaning equipment, or equivalent methods.
  b. Perform vehicle or equipment cleaning, with water only, in a designated, beamed area that will not allow rinse water to run off-site or into streets, gutters, storm drains, or creeks.

5. Vehicle / Equipment Maintenance and Fueling:
  a. Do not perform maintenance and fueling of vehicles or equipment in a designated, beamed area a drip pan that will not allow run-on of storm water or run-off spills.
  b. Use secondary containment such as a drip pan to catch leaks or soils and time that vehicle or equipment fluids are dispensed, changed, or poured.
  c. Keep a stockpile of spill cleanup materials, such as rags or absorbents, readily accessible on-site.
d. Clean up leaks and spills of vehicle or equipment fluids immediately and dispose of the waste and cleanup materials as hazardous waste, as described in section A.2.c above.

e. Do not wash any spilled material into streets, gutters, storm drains, or creeks and shall not bury spilled hazardous materials.

f. Report any hazardous materials spill to the Sonoma County Department of Environmental Health and the District’s Representative.

g. Inspect vehicle and equipment arriving on-site for leaking fluids and shall promptly repair leaking vehicles and equipment. Drip pans shall be used to catch leaks until repair is made.

h. Recycle waste oil and antifreeze, to the maximum extent practicable.

i. Comply with Federal, State, and City requirements for above ground storage tanks.

6. Contractors Training and Awareness:
   a. Train all employees/subcontractors on the storm water pollution prevention requirements contained these Specifications.
   b. Inform subcontractors of the storm water pollution prevention contract requirements and include appropriate subcontract provisions to ensure that these requirements are met.
   c. Post warning signs in areas treated with chemicals.
   d. Paint new catch basins, constricted as part of the project with a “No Dumping” stencil.

1.4 ACTIVITY – SPECIFIC REQUIREMENTS

A. The following activity-specific requirements shall be met on all projects within the District that include the listed activities.

1. Paving Operations:
   a. Project Site Management:
      1) When rain is forecast within 24 hours or during wet weather, the District Representative may prevent the Contractor from paving.
      2) The District Representative may direct the Contractor to protect drainage courses by using control measure, such as earth dike*, straw bale* and sand bags* to divert runoff or trap and filter sediment.
      3) Cover drip pans or absorbent material under paving equipment when not in use.
      4) Cover catch basins and manholes when paving or applying seat coat, tack coat, slurry seal, or fog seal.
      5) If the paving operation includes an on-site mixing plant, the Contractor shall comply with Sonoma County General Industrial Activities Storm Water Permit requirements.

   b. Paving Waste Management: Do not sweep or wash down excess sand (placed as part of a sand seal or to absorb excess oil) into gutters, storm drains, or creeks. Instead, either collect the sand or return it to the stockpile, or dispose of it in a trash container. Do not use water to wash down fresh asphalt concrete pavement.

2. Saw Cutting:
a. During saw cutting, cover or barricade catch basins using control measures, such as filter fabric*, straw bales*, sand bags, and fine gravel dams, to keep slurry out of the catch basin.

b. Sanitary and storm drain systems. When protecting a catch basin, ensure that the entire opening is covered.

c. Shovel, absorb, or vacuum saw cut slurry and pick up the waste before moving to the next location or at the end of each working day, whichever is sooner.

d. If saw cut slurry enters catch basins, remove the slurry from the storm drain system immediately.

3. Contaminated Soil Management:

a. On all Projects involving grading or excavation, look for contaminated soil as evidenced by site history, discoloration, odor, differences in soil properties, abandoned underground tanks or pipes, or buried debris. If the project is not within an area of known soil contamination and no evidence of soil contamination is found, then testing of the soil shall only be required if directed by the District Representative. Follow section 8.3.b, if contamination is found.

b. If the project is within an area of known soil contamination or evidence of soil contamination is found, then soil from grading or excavation operations shall be tested.

c. If the project is found to be within an area of soil contamination not identified by the District in the project specifications, a change order shall be negotiated to cover additional work performed by the Contractor.

4. Concrete, Grout and Mortar Waste Management:

a. Material Management: Concrete, grout and mortar; store and keep covered away from drainage areas and ensure that these materials do not enter the storm drain system.

b. Concrete Truck/Equipment Wash Out:

1) Do not wash out concrete trucks or equipment into streets, gutters, storm drains, or creeks.

2) Perform washout of concrete trucks or equipment off-site or in designated area on-site where the water will flow onto dirt or into a temporary pit in a dirt area. Let the water percolate into the soil and dispose of the hardened concrete in a trash container, if a suitable dirt area is not available, then collect tie wash water and remove it off-site.

c. Exposed Aggregate Concrete Wash Water:

1) Avoid creating runoff by draining water from washing of exposed aggregate concrete to a dirt area. If a suitable dirt area is not available, then the Contractor shall filter the wash water through straw vales or equivalent material before discharging to the storm drain.

2) Collect and return sweepings from exposed aggregate concrete to a stockpile or dispose of the waste in a trash container.

5. Painting:

a. Painting Cleanup

1) Designated Area:
a) Conduct cleaning of painting equipment and tools in a designated area that will not allow run-on of storm water or runoff of spills.

b) The Contractor shall not allow wash water from cleaning of painting equipment and tools into streets, gutters, storm drains, or creeks.

2) Water-based Paint:
   a) The Contractor shall remove much excess paint as possible from brushes, rollers, and equipment before starting cleanup.
   b) To the maximum extent practicable, the Contractor shall dispose of wash water from aqueous cleaning of equipment and tools to the sanitary sewer.
   c) Otherwise, the Contractor shall direct wash water onto dirt area and spade in.

3) Oil-based Paint:
   a) The Contractor shall remove as much excess paint as possible from brushes, rollers and equipment before starting cleanup.
   b) To the maximum extent practicable, the Contractor shall filter paint thinner and solvents for reuse.
   c) The Contractor shall dispose of waste thinner and solvent, and sludge from cleaning of equipment and tools as hazardous waste, as described in section A2.c above.

6. Material/Waste Management:
   1) Store paint, solvents, chemicals, and waste materials in compliance with the Sonoma County Hazardous Materials Storage Ordinances and all applicable State and Federal regulations. Store these materials in a designated area that will not allow run-on of storm water or runoff of spills.
   2) Dispose of excess thinners, solvents, oil and water based paint as hazardous waste.
   3) Dispose of dry, empty paint cans, buckets, old brushes, rollers, rags, and drop cloths in the trash.

7. Earthwork: Maximize the control of erosion and sediment by using the BMP’s for erosion and sedimentation in the California Storm Water Best Management Practice Handbook-Construction Activity.

PART 2 – PRODUCTS
Not Used

PART 3 – EXECUTION
Not Used
PART 1 GENERAL

1.1 SUBMITTALS

A. See Section 01330 (Submittal Procedures).
B. Site Security
C. Safety Program.
D. Fire Protection Plan

1.2 PROTECTION

A. Continuously maintain protection as necessary to protect the Work, as a whole and in part, and adjacent property and improvements from accidents, injuries or damage.
B. Properly protect the Work:
   1. With lights, guard rails, temporary covers and barricades.
   2. Enclose excavations with proper barricades.
   3. Brace and secure all parts of the Work against storm and accident.
   4. Provide such additional forms of protection that may be necessary under existing circumstances.
C. Provide and maintain in good condition all protective measures required to adequately protect the public from hazards resulting from the Work and to exclude unauthorized persons from the Work. When regulated by Building Code, Cal OSHA, or other authority, such legal requirements for protection shall be considered as minimum requirements. Be responsible for the protection in excess of such minimum requirements as required.

1.3 CONTROL OF SITE

Ensure that no alcohol, firearms, weapons, or controlled substance enters or is used at the Site. Immediately remove from the Site and terminate the employment of any employee found in violation of this provision.

1.4 SITE SECURITY

A. As part of the Work included within the Contract Price, Contractor shall take and be fully responsible for all reasonably required measures to protect and maintain the security of persons, existing facilities and property at the Site, including without limitation preventing theft, loss, vandalism and improper concealment of personal property of the District and all persons lawfully present on the Site, and including times where workers are not present on the Site. Contractor’s measures shall include, at a minimum, maintaining a log of all persons entering and leaving the Site and who they represent, what they are delivering and to whom.
B. No claim shall be made against District by reason of any act of an employee or trespasser, and Contractor shall repair all damage to District’s property resulting from Contractor’s failure to provide adequate security measures.
C. Contractor shall maintain a lock on the Construction access gate at all times. Contractor shall appoint one person to let people through the gate and maintain the sign-in/out list, with person’s name, company, reason for entering, what they are delivering, time and date. Alternatively, Contractor shall provide a full-time guard at the gate at all times to control access and maintain the sign-in/out list. The sign in/out list shall be available to District at anytime upon request. If District determines that the gate has been left unlocked, Contractor shall if requested by District provide a full time guard at no additional expense to the District.
D. Contractor shall supply additional security fencing, barricades, lighting, and other security measures as required to protect and control the Site.

1.5 SAFETY PROGRAM

A. Within 15 days after Notice to Proceed, submit a Safety Program that has been reviewed and approved by an Industrial Hygienist certified by the American Board of Industrial Hygiene or a Certified Safety Professional. The Safety Program shall include the name, certification number, and certification seal of the Industrial Hygienist or Certified Safety Professional. Comply with the Safety Program and all applicable federal, state, and local regulation codes, rules, law and ordinances.
B. Receipt and/or review of the Safety Program by District, Engineer or District’s representative shall not relieve Contractor of any responsibility for complying with all applicable safety regulations.

C. It is essential that Contractor and each Subcontractor implement an effective and vigorous Safety and Health Program to cover their respective portions of the Work. Subject to Contractor’s overall responsibility for Project safety, it shall be understood that the full responsibility for providing a safe place to work with respect to their respective portions of the Work rests with each individual Contractor and Subcontractor.

D. Safety Program components:
   1. Injury and Illness Prevention Program (IIPP): Conforming to the General Industrial Safety Orders (CCR Title 8, Division 1, Chapter 4, Subchapter 7, Section 3203), and the California Labor Code (Section 6401.7).
   2. Site-Specific Safety and Health Plan (SSHP): Describing health and safety procedures that shall be implemented during the Work in order to ensure safety of the public and those performing the Work. Follow the guidelines for a SSHP listed in CCR Title 8, Division 1, Chapter 4, Subchapter 7, Section 5192, Item (b)(4) f.
   3. Confined Space Program: The Site contains permit- and non-permit-confined spaces. District will provide Contractor with any available information regarding permit space hazards, entry operations, and safety information relating to work in the permit spaces as set forth in the General Industrial Safety Orders (CCR Title 8, Division 1, Chapter 4, Subchapter 7, Section 5157). Permit space entry is allowed only through compliance with a permit space program meeting the requirements of Section 5157 of the General Industrial Safety Orders. During entry operations, or at the conclusion of entry operations, verbally notify Engineer of the permit space program followed and of any hazards confronted or created in permit spaces during entry operations.

E. The wearing of hard hats shall be mandatory at all times for personnel on Site. Supply sufficient hard hats to equip properly all employees and visitors.

F. Whenever an exposure exists, appropriate personal protective equipment (PPE) shall be used by all affected personnel. Supply PPE to all personnel under Contractor’s direction.

1.6 SAFETY REQUIREMENTS

A. Standards: Maintain the Project in accordance with state and local safety and insurance standards.

B. Hazards Control:
   1. Store volatile wastes in covered metal containers and remove from premises daily.
   2. Prevent accumulation of wastes that create hazardous conditions.
   3. Provide adequate ventilation during use of volatile or noxious substances.

C. Conduct cleaning and disposal operations to comply with local ordinances and anti-pollution laws.
   1. Do not burn or bury rubbish or waste material on the Site.
   2. Do not dispose of volatile wastes such as mineral spirits, oil, or paint thinner in storm or sanitary drains.
   3. Do not dispose of wastes into streams or waterways.

D. Provide accident information on the forms provided by Contractor. This information shall be provided on the same day as the occurrence of said incident.

1.7 SITE SAFETY OFFICER

A. Designate one of Contractor’s staff as “Site Safety Officer” whose duties shall include the responsibility for enforcing the environmental protection provisions of the Contract Documents including safety and health, the requirements of the Occupational Safety and Health Act, and other applicable federal, state and local standards. Submit for review by District the Contractor’s intended traffic flow plan, security plan, housecleaning plan, demolition program, and environmental safety and health plan. After review by District, the implementation and enforcement of these plans shall become the responsibility of the Site Safety Officer. Any changes in the plans shall be requested by Contractor through the Site Safety Officer for written concurrence by District.

B. District’s risk management representative(s) shall be allowed access to accident/injury and illness reports, inspection reports, scheduling and construction meetings, and safety meetings.

1.8 FIRE PROTECTION PLAN

A. Within 15 days after Notice to Proceed, if the Contractor intends to weld, submit one copy of a fire protection plan that has been reviewed and approved by City of Alameda Fire Department. It is recommended that the plan include, but not be limited to, a discussion of the following items:
   1. Equipment spark arresters
2. Fire-extinguishing equipment on hand
3. Method of operation in case of fire
4. Notification to authorities of any fire
5. Access available during performance of Work
6. Educating workers of fire protection plan
7. Storage protection for flammable materials
8. Ventilation and illumination equipment

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION