BID DOCUMENTS COVER SHEET

CONTRACT DOCUMENTS

FOR

C-633 - SEISMIC RETROFIT, PROJECT 1

at

CONTRA COSTA COLLEGE

2600 Mission Bell Drive, San Pablo, CA. 94806

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Consist of the following:

ADDENDUM #1

DSA File #7-C1
DSA Application #01-113799

Architect:
Noll & Tam Architects and Planners
729 Heinz Ave.
Berkeley, CA 94710

April 22, 2014
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
C-633 – Contra Costa College Seismic Retrofit, Project 1
Contra Costa College

Date: April 22, 2014

NOTICE TO ALL CONTRACTORS

You are hereby notified of the following changes, clarifications and/or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and/or previous Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same, and shall take precedence over anything to the contrary therein. All other conditions remain unchanged.

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents. Acknowledge receipt of this Addendum in space provided on the Bid Proposal Form. Failure to acknowledge may subject Bidder to disqualification.

A. Deletions, Additions, Changes, Revisions

Drawing Items:

1. Revise Sheet A1.02 as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Added detail for sign post.
   b. Added color and dimension notes.

2. Revise Sheet A1.04 as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Added color and dimension notes.
   b. Added bollard sleeve note.
3. **Revise Sheet A2.01** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Revised area for floor removal and replacement.
   b. Add sheet note #1.
4. **Revise Sheet A2.02** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Added detail callout for ceiling mounting detail.
   b. Added legend for “Existing Ceiling”.
   c. Added note for stainless steel finish.
   d. Added sheet note #1.
5. **Revise Sheet A2.03** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Revised the wood sleeper callout.
   b. Delete partial wood sleeper scope at roof.
   c. Added roof plan legend.
6. **Revise Sheet A2.04** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Added stump removal.
   b. Added stone paving replacement.
7. **Revise Sheet A2.05** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Revise demo key notes.
   b. Add railing welding callouts.
8. **Revise Sheet A2.06** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Revised sheetnote C8.
   b. Added sheet notes for lighting and ceilings.
9. **Revise Sheet A9.20** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   b. Revise 13/A9.20 for wood framing, typ.
10. **Revise Sheet S3.01** as clouded with addendum 1 revisions, which includes but is not limited to the following:
    a. Adding welded angle climbing deterrent to buttress braces.
11. **Revise Sheet E2.2-1** as clouded with addendum 1 revisions, which includes but is not limited to the following:
    a. Delete keynote 2 callout.
12. **Revise Sheet M2.1-1** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Revise the routing of the storm and overflow drains to match the roof plan.
   b. Add General Notes which identify the drinking fountains, sinks and urinals to be used.

13. **Revise Sheet M2.4-1** as clouded with addendum 1 revisions, which includes but is not limited to the following:
   a. Delete keynote 1 callout which referenced seismic bracing for a unit which does not require it.

**Specification Items:**

1. **Revise** specification section **00010** – Table of Contents, entirely.
2. **Add** specification section **02 32 00** – Pavement Base Courses
3. **Add** specification section **02 75 00** – Asphalt Concrete Paving
4. **Add** specification section **02 78 50** – Striping Pavement Marking and Markers
5. **Revise** specification section **21 05 00** – Common Work Results for Fire Suppression, Page 1 of 11 as follows:
   a. Strikethrough reference to Division 28.

**Mandatory Pre-Bid Meeting Documents:**

1. Pre-Bid Meeting Minutes.

**B. If you have any questions regarding this Addendum, please contact:**

   Jovan Esprit, Contracts Manager  
   Contra Costa Community College District  
   500 Court St., Martinez, CA 94553  
   Email: jesprit@4cd.edu  
   Facsimile: 925-370-7512;

All other terms and conditions of BID are to remain the same.
Thornton Tomasetti
650 California Street, Suite 1400
San Francisco, CA 94108
(415) 365 - 6900

Engineer of Record: Justin Fahey

Division of the State Architect

END OF ADDENDUM #1
VOLUME I

DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

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SECTION 00007 SEALS PAGE AND DSA FORMS
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SECTION 00300 BID PROPOSAL FORM
SECTION 00350 NON-COLLUSION AFFIDAVIT
SECTION 00400 STATEMENT OF BIDDER’S QUALIFICATIONS
SECTION 00450 CERTIFICATION OF SITE VISIT
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SECTION 00510 NOTICE OF AWARD
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DIVISION 01 GENERAL REQUIREMENTS

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SECTION 01050 FIELD ENGINEERING
SECTION 01140 WORK RESTRICTIONS
SECTION 01311 PROJECT MANAGEMENT AND COORDINATION
SECTION 01312 PROJECT MEETINGS
SECTION 01340 ADMINISTRATIVE FORMS AND LOGS
SECTION 01400 QUALITY CONTROL REQUIREMENTS
SECTION 01415 MITIGATION MONITORING REGULATORY REQUIREMENTS
SECTION 01416 SPECIAL PROCEDURES
SECTION 01500        TEMPORARY FACILITIES AND CONTROL
SECTION 01505        CONSTRUCTION WASTE MANAGEMENT
SECTION 0173 10      CUTTING AND PATCHING FOR ROOFING PLASTER, Prepared by Thornton Tomasetti
SECTION 01785        OPERATIONS AND MAINTENANCE DATA
SECTION 01820        DEMONSTRATION AND TRAINING

DIVISION 2        EXISTING CONDITIONS – Prepared by RGA Environmental
SECTION 02080        ASBESTOS ABATEMENT AND DISPOSAL
SECTION 02081        LEAD-CONTAINING PAINT REMOVAL AND LEAD-RELATED CONSTRUCTION
SECTION 02082        PCB CONTAINING MATERIALS ABATEMENT AND DISPOSAL
SECTION 02085        UNIVERSAL WASTE ABATEMENT AND DISPOSAL
SEE VOLUME II FOR ADDITIONAL DIVISION 2 SECTIONS

DRAWINGS – HAZARDOUS MATERIALS DRAWINGS – Prepared by RGA Environmental
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HM2.04              PHYSICAL SCIENCE HAZARDOUS MATERIALS PLAN
HM2.06              PHYSICAL SCIENCE NORTH WING HAZARDOUS MATERIALS PLAN
HM2.07              MAINTENANCE WAREHOUSE HAZARDOUS MATERIALS PLAN
HM2.08              PRESS BOX HAZARDOUS MATERIALS PLAN
ABOVE DRAWINGS ARE NOT INCLUDED IN VOLUME I, BUT PROVIDED SEPARATELY AS PART OF THE CONTRACT DOCUMENTS.

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SECTION 02 41 00        DEMOLITION
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SECTION 02 32 00
PAVEMENT BASE COURSES

PART 1   GENERAL

1.1   SECTION INCLUDES
   A.   Aggregate base.

1.2   RELATED SECTIONS
   A.   Section 02300, Earthwork.
   B.   Section 02750, Asphalt Concrete Pavement.

1.3   RELATED DOCUMENTS
   A.   Caltrans Standard Specifications:
        1.   Section 26, Aggregate Bases.
   B.   ASTM:
        1.   D 1557, Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort.

1.4   DEFINITIONS

1.5   SUBMITTALS
   A.   Submittals shall be made to Architect in accordance with the requirements of Section 01220.
   B.   Construction, fabrication or ordering of materials shall not begin until Contractor has received submittals reviewed by the Architect governing all aspects of the intended work.
   C.   Submit material certificates signed by the material producer and the Contractor, certifying that each material item complies with, or exceeds the specified requirements.

1.6   QUALITY ASSURANCE
   A.   Do not mix or place cement treated base when the temperature is below is below 36 degrees
For when the ground is frozen.

B. Conform to the appropriate portions of the Geotechnical Report, these Specifications and Section 19 of Caltrans Standard Specifications.

C. Finish surface of the prepared subgrade to receive aggregate base, shall be as specified in Section 02300.

D. Finish surface of material to be stabilized prior to lime treatment shall be as specified in Section 24-1.04 of Caltrans Standard Specifications.

E. Finish surface of the stabilized material after lime treatment shall be as specified in Section 24-1.08 of Caltrans Standard Specifications.

F. Do not project the finish surface of aggregate subbase above the design subgrade.

G. Finish surface of aggregate base shall be 0 to - 0.05-feet.

H. Finish surface of cement treated base shall be as specified in Section 27 of Caltrans Standard Specifications.

I. Percentage of compaction specified shall be the minimum acceptable. The percentage represents the ratio of the dry density of the compacted material to the maximum dry density of the material as determined by the procedure set forth in ASTM Designation D1557.

J. As part of the bid package, the Contractor shall provide the Owner a formal service agreement covering all labor and materials required to maintain effectively the installed system during the warranty period as well as the first year after the warranty period (2-years total).

K. Products and equipment shall be maintained by the contract at manufacturer’s recommended levels during the warranty period and the first year after the warranty period.

L. Specific coverage options shall be established prior to system acceptance.

1. Warranties for fire/life safety work such as fire alarm, sprinkler, emergency and exit lighting, and exiting pathway systems shall have specific language “in the event of our failure to respond within 3 hours after being notified in writing by the District, we collectively or separately, do hereby authorize the District to proceed to have said defects repaired or replaced and made whole, together with any other adjacent work which may be displaced or damaged by so doing, at our expense, and we will honor and pay the costs and charges therefore upon demand.”
PART 2   PRODUCTS

2.1    FILL MATERIAL

A. If fill material is required to restore the previously constructed subgrade to its proper elevation, provide structural fill material specified in Section 02300.

2.2    AGGREGATE BASE

   1. Class 2, 3/4-inch Maximum: Section 26-1.02A.

PART 3   EXECUTION

3.1    SOIL STERILANT

A. Furnish and apply to areas indicated in accordance with Section 02300.

3.2    AGGREGATE BASE

A. Watering, Spreading and Compacting: Section 26-1.035, 26-1.04 and 26-1.05 of Caltrans Standard Specifications.

END OF SECTION 02 32 00
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PART 1   GENERAL

1.1    SECTION INCLUDES

A.   Prime coat.

B.   Tack coat.

C.   Asphalt concrete paving.

D.   Asphalt concrete overlay.

E.   Pavement grinding.

F.   Adjusting manholes, valves, monument covers and other structures to grade.

1.2    RELATED SECTIONS

A.   Section 02320, Pavement Base Courses.

1.3    RELATED DOCUMENTS

A.    ASTM:


B.    Caltrans Standard Specifications.
1. Section 37: Bituminous Seals
2. Section 39: Asphalt Concrete.
4. Section 93: Liquid Asphalts.
5. Section 94: Asphaltic Emulsions.

1.4 DEFINITIONS


1.5 QUALITY ASSURANCE

A. Testing Agency: District’s Representative will engage a qualified independent testing agency to perform field inspections and tests and to prepare test reports.
   1. Testing agency will conduct and interpret tests and state in each report whether tested work complies with or deviates from specified requirements.

B. Additional testing, at Contractor’s expense, will be performed to determine compliance of corrected Work with specified requirements.

C. Thickness of Asphalt Concrete: In-place compacted thickness of asphalt courses will be determined according to ASTM D 3549.

D. In-Place Density: Samples of uncompacted paving mixtures and compacted pavement will be secured by testing agency according to ASTM D 979.
   1. Reference maximum theoretical density will be determined by averaging results from 4 samples of hot-mix asphalt-paving mixture delivered daily to site, prepared according to ASTM D 2041, and compacted according to job-mix specifications.
   2. In-place density of compacted pavement may be determined by testing core samples according to ASTM D 1188 or ASTM D 2726.
      a. One core sample may be taken for every 1000 sq. yd. or less of installed pavement, but in no case will fewer than 3 cores be taken.
      b. Field density of in-place compacted pavement may also be determined by nuclear method according to ASTM D 2950 and correlated with ASTM D 1188 or ASTM D 2726.

E. As part of the bid package, the Contractor shall provide the Owner a formal service agreement covering all labor and materials required to maintain effectively the installed system during the warranty period as well as the first year after the warranty period (2- years total).

F. Products and equipment shall be maintained by the contract at manufacturer’s recommended levels during the warranty period and the first year after the warranty period.
G. Specific coverage options shall be established prior to system acceptance.

1. Warranties for fire/life safety work such as fire alarm, sprinkler, emergency and exit lighting, and exiting pathway systems shall have specific language “in the event of our failure to respond within 3 hours after being notified in writing by the District, we collectively or separately, do hereby authorize the District to proceed to have said defects repaired or replaced and made whole, together with any other adjacent work which may be displaced or damaged by so doing, at our expense, and we will honor and pay the costs and charges therefore upon demand.”

1.6 SUBMITTALS

A. Submittals shall be made to Architect in accordance with the requirements of Section 01220.

B. Construction, fabrication or ordering of materials shall not begin until Contractor has received submittals reviewed by the Architect governing all aspects of the intended work.

C. Job-Mix Designs: Certificates signed by manufacturers certifying that each asphalt concrete mix complies with requirements.

D. Material Certificates: Certificates signed by manufacturers certifying that each material complies with requirements.

1.7 PROJECT CONDITIONS

A. Environmental Limitations:
1. Prime Coat: Minimum surface temperature of 60 deg F at application.
2. Tack Coat: Minimum surface temperature of 60 deg F at application.
3. Asphalt Concrete: Minimum atmospheric temperature of 50 deg F at application.

PART 2 PRODUCTS

2.1 ASPHALT CONCRETE

A. Caltrans Standard Specifications Section 39, Type B, 3/8 inch Maximum

B. Asphalt Materials:
3. Tack Coat: Caltrans Standard Specification Section 94, SS1 or SS1h.


E. Sand: ASTM D 1073, Grade No. 2 or 3.

2.2 SEAL COAT

A. Caltrans Standard Specifications Section 37-1, Fine Seal Coat

B. Caltrans Standard Specifications Section 94, QS1 or QS1h

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that subgrade is dry and in suitable condition to support paving and imposed loads.

B. Proof-roll subbase using heavy pneumatic-tired rollers to locate areas that are unstable or that require further compaction.

C. Notify District’s Representative in writing of any unsatisfactory conditions. Do not begin paving until these conditions have been satisfactorily corrected.

3.2 PAVEMENT GRINDING

A. Clean existing paving surface of loose or deleterious material immediately before pavement grinding.

B. Grind conforms as indicated.

3.3 SOIL STERILANT

A. Furnish and apply to areas indicated in accordance with Section 02300.

3.4 SURFACE PREPARATION FOR AGGREGATE BASE MATERIALS

A. General: Immediately before placing asphalt materials remove loose and deleterious material from substrate surfaces and ensure that prepared subgrade is ready to receive paving according to the Caltrans Standard Specification Section 39-4.01.

B. Prime Coat: Apply uniformly over surface of compacted-aggregate base according to the Caltrans Standard Specification Section 39-4.02. Apply enough material to penetrate and seal, but not flood, surface. Allow prime coat to cure for 24 hours minimum.
   1. If prime coat is not entirely absorbed within 8 hours after application, spread excess prime coat with hand tools and broadcast sand over surface to blot excess asphalt. Use just enough sand to prevent pickup under traffic. Remove loose sand by sweeping before pavement is placed and after volatiles have evaporated.
   2. Protect primed substrate from damage until ready to receive paving.
C. Tack Coat: Apply uniformly to all vertical surfaces against which asphalt concrete is to be placed, including existing surfaces of previously constructed asphalt or portland cement concrete paving and to surfaces abutting or projecting into new asphalt pavement, according to the Caltrans Standard Specification Section 39-4.02.
   1. Allow tack coat to cure undisturbed before paving.
   2. Avoid smearing or staining adjoining surfaces, appurtenances, and surroundings. Remove spillages and clean affected surfaces.

3.5 SURFACE PREPARATION FOR PAVEMENT AT ASPHALT CONCRETE OVERLAYS

A. Pavement Irregularities: Level with asphalt concrete, Type B, No. 4 maximum.

B. Pavement Cracks:
   1. Less than ¼-inch wide: Clean of all dirt by compressed air jet, spray and seal with RS-1 asphaltic emulsion.
   2. Wider than ¼-inch: Clean of all dirt by compressed air jet, spray and seal with RS-1 asphaltic emulsion and skin patch.

C. Clean surface of all material, such as leaves, dirt, sand, gravel, water and vegetation prior to applying binder of paving asphalt to existing surface.

3.6 ASPHALT CONCRETE SPREADING AND COMPACTING EQUIPMENT

A. Spreading Equipment: Caltrans Standard Specification Section 39-5.01.


3.7 ASPHALT CONCRETE PLACEMENT

A. Place, spread and compact asphalt concrete to required grade, cross section, and thickness according to the Caltrans Standard Specification Sections 39-6.01, 39-6.02 and 39-6.03.

B. Promptly correct surface irregularities in paving course behind paver. Use suitable hand tools to remove excess material forming high spots. Fill depressions with hot asphalt to prevent segregation of mix; use suitable hand tools to smooth surface.

3.8 BITUMINOUS SEAL PLACEMENT (SEAL COAT/ FOG SEAL COAT)

A. All asphalt surfaces shall receive four (4) coats of refinement courses after all construction vehicle activity has been completed on site. Two seal coats followed by two fog seal coats shall be applied, allowing each coat to set prior to applying the next coat.

B. Prepare the surface to be sealed according to the Caltrans Standard Specification Section 37-1.05.

C. Place and spread asphaltic emulsion according to the Caltrans Standard Specification...
Section 37-1.05.

D. The screenings for seal coats shall be spread and finished according to the Caltrans Standard Specification Sections 37-1.06, 37-1.07

3.9 JOINTS

A. Construct joints to ensure continuous bond between adjoining paving sections according to the Caltrans Standard Specification Sections 39-6.01 and 39-6.02.
   1. Construct joints free of depressions with same texture and smoothness as other sections of asphalt course.
   2. Clean contact surfaces and apply tack coat.
   3. Offset longitudinal joints in successive courses a minimum of 6 inches.
   4. Offset transverse joints in successive courses a minimum of 24 inches.
   5. Compact joints as soon as asphalt concrete will bear roller weight without excessive displacement.

3.10 COMPACTION

A. General: Begin compaction as soon as placed hot-mix paving will bear roller weight without excessive displacement. Compact according to the Caltrans Standard Specification Sections 39-6.01 and 39-6.03.

B. Compaction Requirements: Average Density to be 92 percent of reference maximum theoretical density according to ASTM D 2041, but not less than 90 percent nor greater than 96 percent.

C. Finish Rolling: Finish roll paved surfaces to remove roller marks while asphalt is still warm.

D. Edge Shaping: While surface is being compacted and finished, trim edges of pavement to proper alignment. Bevel edges while still hot, with back of rake or smooth iron. Compact thoroughly using tamper or other satisfactory method.

E. Repairs: Remove paved areas that are defective or contaminated with foreign materials and replace with fresh asphalt. Compact by rolling to specified density and surface smoothness.

F. Protection: After final rolling, do not permit vehicular traffic on pavement until it has cooled and hardened. Erect barricades to protect paving from traffic until mixture has cooled enough not to become marked.

3.11 ADJUSTING MANHOLES, VALVES, MONUMENT COVERS AND OTHER STRUCTURES TO GRADE

A. Remove pavement, using vertical cuts, as needed to remove frame and provide for concrete collar. Do not damage adjacent pavement.
   1. Circular Covers: Cut circle with radius 6 inches larger than cover and concentric with cover.
   2. Rectangular Covers: Cut rectangle 6 inches larger than cover on all sides.
B. Install grade rings or blocking as needed to raise cover to finish grade.

C. Pour concrete collar:
   1. Bottom of Collar: Top of existing collar or 6 inches below top of proposed collar, whichever is at a higher elevation.
   2. Top of Collar: Bottom of existing asphalt pavement.
   3. Apply tack coat to all exposed surfaces.
   4. Fill excavation with asphalt concrete and, while still hot, compact flush with adjacent surface.

3.12 INSTALLATION TOLERANCES

A. Asphalt Pavement:
   1. Course thickness and surface smoothness within the tolerances specified in Caltrans Standard Specification Sections 39-6.01, 39-6.02 and 39-6.03.
   2. Total Thickness: Not less than indicated.

B. Trench Patch:
   1. Compacted surface: Within 0.01 foot of adjacent pavement.
   2. Do not create ponding.

C. Adjust Covers:
   1. Compacted surface: Up to 0.01 foot higher, and no lower, than adjacent pavement.
   2. Do not create ponding.

END OF SECTION 02 75 00
PART 1 GENERAL

1.1 SECTION INCLUDES

A. Removal of existing stripes and pavement markers.
B. Removal of existing signs.
C. Cleaning and sweeping of pavements before application of stripes and pavement markings.
D. Materials and application for stripes and pavement markings.
E. Materials and application for pavement markers.

1.2 RELATED SECTIONS

A. Section 02 75 00, Asphalt Concrete Pavement.

1.3 RELATED DOCUMENTS

A. Caltrans Standard Specifications:
   1. Section 82, Markers and Delineators.
   2. Section 84, Traffic Stripes and Pavement Markings.
C. The regulations, standards, and tests of the State of California Department of Transportation Materials and Research Division, edition in effect at time of date on plans.

1.4 QUALITY ASSURANCE

A. Deliver certificates showing conformance with this specification to the Owners Representative with each shipment of materials and equipment to the Project site.
B. As part of the bid package, the Contractor shall provide the Owner a formal service agreement covering all labor and materials required to maintain effectively the installed system during the warranty period as well as the first year after the warranty period (2-years total).
C. Products and equipment shall be maintained by the contract at manufacturer’s recommended levels during the warranty period and the first year after the warranty period.
levels during the warranty period and the first year after the warranty period.

D. Specific coverage options shall be established prior to system acceptance.

1. Warranties for fire/life safety work such as fire alarm, sprinkler, emergency and exit lighting, and exiting pathway systems shall have specific language “in the event of our failure to respond within 3 hours after being notified in writing by the District, we collectively or separately, do hereby authorize the District to proceed to have said defects repaired or replaced and made whole, together with any other adjacent work which may be displaced or damaged by so doing, at our expense, and we will honor and pay the costs and charges therefore upon demand.”

1.5 SUBMITTALS

A. Submittals shall be made to Architect in accordance with the requirements of Section 01220.

B. Construction, fabrication or ordering of materials shall not begin until Contractor has received submittals reviewed by the Architect governing all aspects of the intended work.

C. Product data for the following:
   1. Product data for paint

D. Samples
   1. Color samples for each color to be used

1.6 PROJECT CONDITIONS

A. Do not apply striping or pavement markings to the pavement until after approval to proceed has been given by the Owners Representative.

B. Thoroughly cure new asphalt concrete and portland cement concrete before application of stripes, markings or markers.

PART 2 PRODUCTS

2.1 PAINTED STRIPES AND MARKINGS

A. Section 84-3.02 of Caltrans Standard, Specifications, unless noted otherwise herein or on the Plans.

B. Thermoplastic striping shall NOT be used.

PART 3 EXECUTION
3.1 REMOVAL OF EXISTING STRIPES, PAVEMENT MARKINGS AND PAVEMENT MARKERS

A. Where blast cleaning is used for the removal of painted stripes and pavement markings, or for removal of objectionable material, remove the residue, including dust and water, immediately after contact with the surface being treated. Remove by a vacuum attachment operating concurrently with the blast cleaning operation.

B. Where grinding is used for the removal of thermoplastic stripes and pavement markings; remove the residue by means of a vacuum attachment to the grinding machine. Do not allow the residue to flow across or be left on, the pavement.

C. Where markings are to be removed by blast cleaning or by grinding, the removed area shall be approximately rectangular so that no imprint of the removed marking remains on the pavement.

D. Contractor will be responsible for repairing any damage to the pavement during removal of pavement markers. Damage to the pavement, resulting from removal of pavement markers, shall be considered as any depression more than 1/4-inch deep.

3.2 PAINTED STRIPES AND PAVEMENT MARKINGS

A. All striping shall be applied with two filler coats and one sealer coat, and as directed by the manufacturer.

3.3 PROTECTION

A. Protect the newly installed stripes and pavement markings from damage until the material has cured.

B. Replace any stripes or pavement markings or markers broken, misaligned or otherwise disturbed.

3.4 RESTORATION OF EXISTING IMPROVEMENTS

A. Existing striping or other markings removed or damaged due to the installation of new facilities shall be replaced in kind.

B. Existing landscaping or planting removed, damaged or disturbed due to the installation of control signs or street name signs shall be replaced in kind.

END OF SECTION 02785
SECTION 21 05 00

COMMON WORK RESULTS FOR FIRE SUPPRESSION

PART 1 - GENERAL

1.1 SUMMARY

A. Work Included: Provision of materials, installation and testing of:

1. Buried Ductile Iron Pipe and Fittings
2. Aboveground Black Steel Pipe and Fittings
3. Hangers and Supports
4. Sway Braces and Restraints
5. Anchors and Attachments

1.2 RELATED SECTIONS

A. Contents of Division 21, Fire Suppression and Division 01, General Requirements apply to this Section.

B. In addition, reference the following:

1. Division 22, Plumbing
2. Division 26, Electrical
3. Division 28, Electronic Safety and Security
4. Division 31, Earthwork

1.3 REFERENCES AND STANDARDS

A. References and Standards as required by Section 21 00 00, Fire Suppression Basic Requirements and Division 01, General Requirements.

1.4 SUBMITTALS

A. Submittals as required by Section 21 00 00, Fire Suppression Basic Requirements and Division 01, General Requirements.
MANDATORY C-633 SEISMIC RETROFIT, PROJECT #1, PRE-BID MEETING

Date: April 22, 2014
Time: 10:00 a.m.
Location: Contra Costa College
Building and Grounds Department Conference Room
2600 Mission Bell Drive
San Pablo, CA

I. INTRODUCTIONS AND SIGN IN
   ● Ron Johnson
     a. Introduction of Project Team Members in Attendance:
        Ron Johnson Construction Management Services, Critical Solutions, Inc.
        Ben Azarnoush Director of Construction Operations, Contra Costa Community College District
        John Leary Construction Management Services, Critical Solutions, Inc.
        Michael Cardellini Structural Engineer – Thornton Tomasetti
        Ken Pilgrim Abatement – RGA Environmental
        Jovan Esprit Contracts Manager, Contra Costa Community College District
        Bruce King Buildings & Grounds Manager, Contra Costa College
     b. Sign-in sheet was circulated, and collected by Jovan Esprit. It will be posted to the District’s webpage by the end of the day.

II. WELCOME AND INTRODUCTORY REMARKS
    ● Ron Johnson
      a. This project involves seismic retrofits to multiple buildings on campus.
      b. Important Note: An on-site job walk/field presentation follows the meeting. Attendance at this meeting and job walk is mandatory. At completion of the field presentation, be certain to obtain a Certification of Site Visit (Section 00450), signed by the District. This signed form must be submitted with your bid.
      c. Review bid documents, and submit RFIs early, so responses can be provided in a timely manner.

III. BRIEF PROJECT DESCRIPTION
    ● Ron Johnson
      a. This project involves seismic retrofits to multiple buildings on campus, including, but not limited to, Physical Sciences and Biological Sciences.
b. Prior to construction, Nor-Cal moving will be responsible for moving some furnishings and equipment to areas that will not be impacted by construction. The Campus will move chemicals, and store them away from the construction areas.

- Michael Cardellini
  a. Project includes, but is not limited to:
     - Full steel exterior buttress frames
     - Accessibility upgrades
     - X-bracing to outside building envelope
     - Additional non-structural elements

- Ken Pilgrim
  a. Project involves limited abatement of some hazardous materials.
  b. Some ceilings will be removed, and will be going back in.
  c. Some hazardous materials will remain in areas not impacted by this new construction.
  d. Take note: there are 4 hazmat-related spec sections; and 5 hazmat-related drawings included in bid docs – please review carefully.

IV. PROJECT WORK RESTRICTIONS (see Section 01140)

- Ron Johnson
  a. Project has a very limited timeframe – goal is to issue NTP the first week in June.
  b. First week of June will consist of off-site work (e.g. submittals); July 7th is first available opportunity to work on site.
  c. Very aggressive schedule: second-shift work is required – for inside work only; Saturday work is also required.
  d. A very limited staging area will be available to contractors.
  e. A roof replacement project for the Physical Sciences building is scheduled at the same time, and the C-633 Contractor will be required to cooperate with the Roof Contractor.
  f. Bidders are encouraged to carefully review Division 0 & 1, specifically Section 01140, Work Restrictions.
  g. Additional work restriction information will be added by addendum.
  h. Roof Contractor will be staging in Parking Lot 12 for a period of time.

V. BID PHASE COMMUNICATIONS & CORRESPONDENCE:

a. All project-related questions/RFIs must be submitted in writing (email is preferable) to:
   **Jovan Esprit, Contracts Manager**
   Contra Costa Community College District
   500 Court St., Martinez, CA 94553
   Email: jesprit@4cd.edu
   Facsimile: 925-370-6517

b. Deadline for receipt of RFIs is April 29, 2014, prior to 5:00pm.

VI. ADDENDA UPDATE:

- Ron Johnson
  a. Addendum 1 is in progress, and should be issued by the end of the week; it should answer many questions. Please review immediately and carefully.
VII. BID PHASE SCHEDULE MILESTONES
- Last day for RFI: Tuesday, April 29, 2014, prior to 5:00 p.m.
- Last Addendum Issued: Wednesday, May 7, 2014
- Bid Opening: Tuesday, May 13, 2014, 2:00 p.m.
- Award of Contract: Thursday, May 29, 2014
- Notice to Proceed: Monday, June 2, 2014 (approximate)

VIII. BID OPENING:
- Jovan Esprit
  a. Bids must be received at the Contra Costa Community College District Office at 500 Court St, Martinez, CA by Tuesday, May 13, 2014, prior to 2:00 PM.
  b. All bids will be time stamped at the reception counter in the building lobby.
  c. Any bid received after the bid opening time will be rejected.
  d. An announcement will be made at the two-minute mark prior to the bid opening deadline.

IX. BID PACKAGE:
- Jovan Esprit
  a. Review your bid package carefully before submitting it. Be sure to include all required documentation, or bid will be rejected.
     ▪ Completed Bid Proposal Form (Section 00300), to include bidder’s name and signature.
     ▪ An active CLSB license number, as required in the bid documents.
     ▪ Acknowledgement of any addenda issued.
     ▪ Listing of actively-licensed subcontractors, including license numbers.
     ▪ Bid Bond – 10% of bid Amount.
     ▪ Statement of Bidder’s Qualifications (Section 00400), signed by an authorized officer of the Bidder.
     ▪ Non-Collusion Affidavit, fully executed.
     ▪ Completed and signed Certification of Site Visit (Section 00450).
     ▪ Other documents as required by the Contract Documents.
  b. Bid bond must accompany bid; company checks can be accepted, but no cash will be accepted.
  c. Contact Jovan Esprit if you have additional questions.

X. CONTRACT DURATION DISCUSSION
- Ron Johnson
  a. Review carefully Section 00600, Construction Agreement
  b. 71 Calendar Days to Substantial Completion (SC)
  c. 45 Calendar Days between SC and Final Completion
  d. Award of contract (NTP) scheduled be issued the day after approval by the District Board.
  e. Successful Contractor will be required to submit bonds and insurance expeditiously.

XI. SUBSTITUTION REQUESTS MUST COMPLY WITH CONTRACT DOCUMENTS
- a. Reference Section 007000, General Conditions, Article 3.11.1
XII. SITE JOB WALK/ FIELD PRESENTATION

- Ron Johnson
  a. Access was provided to construction site(s) – Physical Sciences and Biological Science buildings, interior and exterior.
  b. It is essential that Labs be available to students and staff at the start of fall classes. Contractor required to focus on working North to South in the Biological Science building to accomplish this goal.
  c. Ron pointed out that some areas have very tight work spaces.
  d. Reviewed areas at Physical Sciences building that can be used for staging by both C-633 Contractor, and by C-1032 Roof Contractor.
  e. It was announced at this mandatory job walk, that a second, non-mandatory job walk would be scheduled for Friday, April 25, 2014, so potential bidders could access classrooms that were not available during today’s job walk. Interested parties will meet Bruce King in Parking Lot 12, at the entrance to the Physical Sciences Building at 8:00 a.m..

- Michael Cardellini
  a. Provided general overview of structural/seismic requirements for Biological Sciences building work.

- Bruce King
  a. Access was provided to the Biological Sciences building Mechanical Room, and to rooms at the northeast corner, for potential bidders to view wall to roof seismic connection locations.

XIII. MISCELLANEOUS

- Ben Azarnoush
  a. The Contra Costa Community College District has some other projects upcoming in 2015:
     ▪ Diablo Valley College – “ET Remodeling” project – approx. $10M
     ▪ Los Medanos College – “PE Complex” project – approx. $15M - $16M.
     ▪ Numerous smaller projects ($500K - $5M) at various campuses
     ▪ Check the 4CD.edu website often for new postings

- Ron Johnson
  a. Contra Costa College currently has 2 projects out to bid – C-1032, Roof Replacement; and C-524, Parking Lot 16 Repair. See 4CD website for more information.
  b. Project Stabilization Agreement does NOT apply to this project.

- Victor Rodrigues, Department of Industrial Relations, Div. of Apprenticeship Standards
  a. Apprentices are required to be used, per the Labor Code.