ADDENDUM NO. 2
TO THE CONTRACT DOCUMENTS
FOR
PACIFIC HIGH SCHOOL – MODERNIZATION
FOR THE
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
777 North F Street
San Bernardino, CA 92410

DSA No. 04-118035 File No. 36-H7 RCA Job No. 1-78-21

NOTICE TO BIDDERS
This Addendum forms a part of the Contract and modifies the original documents DSA Approved on January 16, 2020. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 2 in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

GENERAL
Item No. 2.1 General Items:

2.1.2 Reference Front End Bid Documents, a revised Attachment 1- Bid Form will be available for bidder reference at Crisp Imaging public plan room website www.crispimg.com

2.1.3 Reference Front End Bid Documents, a revised Supplementary General Conditions, along with Exhibits #01-A & 01-B, will be available for bidder reference at Crisp Imaging public plan room website www.crispimg.com

2.1.4 Reference Front End Bid Documents, a revised Summary of Work will be available for bidder reference at Crisp Imaging public plan room website www.crispimg.com
Item No. 2.2   General Items:
   2.2.1   Remove the following specification sections from the Bid, Not in Contract:
   00 01 08 - Deferred Approvals
   04 20 01 - Masonry Veneer
   05 31 00 - Steel Decking
   05 40 00 - Cold-Formed Metal Framing
   07 42 13 - Metal Wall Panels
   08 44 13 - Glazed Aluminum Curtain Walls
   08 45 00 - Translucent Wall and Roof Assemblies
   09 64 66 - Wood Athletic Flooring
   09 65 66 - Resilient Athletic Flooring
   09 72 16.26 - Architectural Vinyl Graphic Film
   10 14 46 - Vinyl Wall Graphics
   10 51 13 - Metal Lockers
   10 82 13.10 - Exterior Metal Architectural Screen
   11 52 13 - Projection Screens
   11 66 23 - Gymnasium Equipment
   11 66 43 - Interior Scoreboards
   12 66 13 - Telescoping Bleachers
   14 42 13 - Incline Wheelchair Lifts

CHANGES TO THE SPECIFICATIONS

Item No. 2.3   Reference Section 01 52 13 – Field Offices and Sheds
   2.3.1   Paragraph 2.05, add new Item I to read:
   "I. Data/Wifi must continually support 200MB per second."
   2.3.2   Paragraph 3.02, add new Item C to read:
   "C. Contractor shall supply Owners/Inspector trailer 390 Calendar Days after Notice to Proceed."

Item No. 2.4   Reference Section 07 41 13 – Metal Roof Panels:
   2.4.1   Remove section in its entirety, no longer applies to project

Item No. 2.5   Reference Section 09 67 00 – Fluid-Applied Flooring:
   2.5.1   Remove section in its entirety, no longer applies to project

Item No. 2.6   Reference Section 10 22 39 – Folding Panel Partitions:
   2.6.1   Remove section in its entirety, no longer applies to project

Item No. 2.7   Reference Section 12 24 00 - Window Shades:
   2.7.1   Replace section per attached revised Section 12 24 00.

Item No. 2.8   Reference Section 32 12 43 - Grasscrete:
   2.8.1   Remove section in its entirety, no longer applies to project

CHANGES TO THE DRAWINGS

Item No. 2.9   Reference Sheet C-3.5:
   2.9.1   Revise per clouded areas of attached revised Sheet C-3.5

Item No. 2.10  Reference Sheet C-3.6:
   2.10.1  Revise per clouded areas of attached revised Sheet C-3.6

Item No. 2.11  Reference Sheet C-3.7:
   2.11.1  Revise per clouded areas of attached revised Sheet C-3.7

Item No. 2.12  Reference Sheet C-3.8:
   2.12.1  Revise per clouded areas of attached revised Sheet C-3.8
ATTACHMENTS
Exhibits  01 A, 01 B
Specifications  12 24 00
Sketches  N/A
Sheets  C-3.5, C-3.6, C-3.7, C-3.8

END OF ADDENDUM NO. 2

___________________
Roger Clarke, Principal
#C-21340
Attachment 1 - Bid Form
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

Project: 20-08 PHS Modernization

Project Address: 1020 Pacific Street, San Bernardino, CA

Bid No. _____________

CONTRACTOR NAME: ____________________________

DIR REGISTRATION NUMBER: ________________________

ADDRESS: ________________________________________

TELEPHONE: (____) ________________________________

FAX: (____) ______________________________________

EMAIL: __________________________________________
TO: SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT, acting by and through its Governing Board, herein called “DISTRICT”.

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

   **Bid No. F20-08 Pacific High School - Modernization**

   In the DISTRICT described above, all in strict conformance with the drawings and other contract documents on file at the Purchasing Office of said DISTRICT for amounts set forth herein.

2. Bidder acknowledges the following Addenda:

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<th>Addenda Number:</th>
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<td>A (Inc. in Bid Set)</td>
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</tbody>
</table>

3. **Bidder shall provide Unit Cost per square foot for Plaster Repairs:**
   a. *Unit Cost per Square Foot:* $ ______________

4. **Bidder shall provide Unit Cost per square foot for Flat Work:**
   a. *Unit Cost per Square Foot:* $ ______________

5. **Total Base Bid**
   
   A. **Base Bid**
      
      ($ ____________________ )
   
   B. **Allowance**
      
      ($ _____ $500,000.00 _____ )

**TOTAL PRICE – ENTIRE JOB** (Base Bid A + Allowance B)

**TOTAL CASH PURCHASE PRICE IN WORDS & NUMBERS:**

$ ______________________________ DOLLARS

($ ______________________________ )
6. **Alternate Bids: N/A**

**[OPTIONAL] ALTERNATE BIDS:** The following amounts shall be added to or deducted from the Base Bid at the District’s option. Alternates are fully described in the Specifications.

- Alternate No. 1: ADD/DEDUCT _______________ Dollars ($_________)
- Alternate No. 2: ADD/DEDUCT _______________ Dollars ($_________)
- Alternate No. 3: ADD/DEDUCT _______________ Dollars ($_________)

5. **Time for Completion:**

The DISTRICT may give a notice to proceed within ninety (90) days of the award of the bid by the DISTRICT. Once the CONTRACTOR has received the notice to proceed, the CONTRACTOR shall complete the work in the time specified in the Agreement. By submitting this bid, CONTRACTOR has thoroughly studied this Project and agrees that the time period for this Project was adequate for the timely and proper completion of the Project. Further, CONTRACTOR has included in the analysis of the time required for this Project, Rain Days, Governmental Delays, and the requisite time to complete Punch List.

In the event that the DISTRICT desires to postpone giving the notice to proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the CONTRACTOR, giving the notice to proceed may be postponed by the DISTRICT. It is further expressly understood by the CONTRACTOR, that the CONTRACTOR shall not be entitled to any claim of additional compensation as a result of the postponement of giving the notice to proceed.

If the CONTRACTOR believes that a postponement will cause a hardship to it, the CONTRACTOR may terminate the contract with written notice to the DISTRICT within ten (10) days after receipt by the CONTRACTOR of the DISTRICT’s notice of postponement. Should the CONTRACTOR terminate the contract as a result of a notice of postponement, the DISTRICT shall have the authority to award the contract to the next lowest responsible bidder, if applicable.

It is understood that the DISTRICT reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The CONTRACTOR understands that it may not withdraw this bid for a period of ninety (90) days after the date set for the opening of bids.

6. **Bid Security:**

Attached is bid security in the amount of not less than ten percent (10%) of the total bid:

- Bid bond (10% of the Bid), certified check, or cashier’s check (circle one)

7. **Designated Subcontractors:**

The required List of Designated Subcontractors is attached hereto.

8. **Non-Collusion Declaration**

The required is attached hereto.

9. **Substitution Request Form:**

The Substitution Request Form, if applicable, is attached hereto.

10. **Acceptance:**

It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the DISTRICT a contract in the form attached hereto in accordance with the bid as
accepted, and that he will also furnish and deliver to the DISTRICT the Performance Bond and Payment Bond, all within **five (5) calendar days** after award of contract, and that the work under the contract shall be commenced by the undersigned bidder, if awarded the contract, by the start date provided in the DISTRICT’s Notice to Proceed, and shall be completed by the CONTRACTOR in the time specified in the contract documents.

11. Notices:

    All notices or other correspondence should be addressed to the undersigned at the address stated below:

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

    ________________________________________________________________
    ________________________________________________________________
    ________________________________________________________________
    ________________________________________________________________

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

12. Protest Procedures:

    If there is a bid protest, the grounds shall be submitted as set forth in the Instructions to Bidders.

13. CONTRACTOR’s License:

    a. The undersigned bidder shall be licensed and shall provide the following California CONTRACTOR’s license information:

    License Number: ________________________________________________
    License expiration date: __________________________________________
    Name on License: _________________________________________________
    Class of License: _________________________________________________
    DIR Registration Number: _________________________________________

    b. If the bidder is a joint venture, each member of the joint venture must include the above information.

14. Time is of the Essence:

    Time is of the essence regarding this contract, therefore, in the event the bidder to whom the Contract is awarded fails or refuses to post the required bonds and return executed copies of the
Agreement form within **five (5) calendar days** from the date of receiving the Notice of Award, the DISTRICT may declare the bidder’s bid deposit or bond forfeited as damages.

15. Declaration:

The bidder declares that he/she has carefully examined the location of the proposed work, that he/she has examined the Contract Documents, including the Plans, General Conditions of the contract, Supplemental Conditions, Addenda, and Specifications, all other documents issued to bidders and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Contract Documents, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.

16. Debarment:

In addition to seeking remedies for False Claims under Government Code Section 12650 et seq. and Penal Code Section 72, the DISTRICT may debar a CONTRACTOR pursuant to Article 15 of the General Conditions if the Board or the Board may designate a hearing officer who, in his or her discretion, finds the CONTRACTOR has done any of the following:

a. Intentionally or with reckless disregard, violated any term of a contract with the DISTRICT;

b. Committed an act or omission which reflects on the CONTRACTOR’s quality, fitness or capacity to perform work for the DISTRICT;

c. Committed an act or offense which indicates a lack of business integrity or business honesty; or,

d. Made or submitted a false claim against the DISTRICT or any other public entity (See Government Code Sections 12650, et. seq., and Penal Code Section 72)

17. Designation of Subcontractors:

In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code Sections 4100 et. seq.) and any amendments thereof, each bidder shall list subcontractors on the DISTRICT’s form Subcontractor list. This subcontractor list shall be submitted with the bid and is a required form.
18. Bid Certification

I agree to receive service of notices at the e-mail address listed below.
I, the below-indicated bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

Proper Name of Company

Name of Bidder Representative

Street Address

City, State, and Zip

Phone Number

Fax Number

E-mail

Signature of Authorized Bidder Representative

Date

Signatory Name & Title (Printed)

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

All signatures must be made in blue ink
SUPPLEMENTARY GENERAL CONDITIONS

The following supplements modify the General Conditions. Where a portion of the General Conditions is modified and or deleted by these Supplementary Conditions, the unaltered portions of the General Conditions shall remain in effect.

ARTICLE 3 – THE CONTRACTOR

Move Management and Coordination:
The General Contractor shall provide the following move management and coordination during the life of the project:

1. Provide staff to plan, manage and coordinate moves with school staff and Owner’s Representative.
2. Provide all necessary movers, supplies, storage facilities (limit to (3) 50’ containers), furniture breakdown and assembly, if needed, to move furnishings to and from various locations at Pacific High School.
3. The modernization of classroom buildings will be phased consisting of 3 wings/buildings to be modernized at a time, involving approximately 22 classrooms at each phase of modernization.
4. Each phase will be moved out, modernized per contract documents, then moved back. Upon occupancy, these buildings/wings/classrooms will be fully functioning classrooms/buildings.
5. Please refer to the Modernization Move Matrix in Exhibit #01 A & B
6. Refer to Supplemental Conditions for phasing plan and coordination with other Contractor(s).

ARTICLE 8 – TIME

Article 8 Schedule Inclusion Requirements – The Baseline Schedule shall include the following Milestones in the Construction Schedule:

<p>| Refer to Exhibit “A” Phasing Plan of Site Utility Work and Demo of Breeze ways at Bldg.’s F and G | MOD contractor shall commence with modernization of Buildings F east and G east first in coordination of required site work by the CTE Contractor. Contractors are to coordinate this work for access and needs of the projects. Breezeways are to be demolished by the MOD contractor for Bldg.’s F and G for CTE site work and utility path constructed as identified in the exhibit. |</p>
<table>
<thead>
<tr>
<th>Schedule Milestone</th>
<th>The modernization of classroom buildings will be phased consisting of three (3) wings/buildings to be modernized at a time, involving approximately 22 classrooms at each phase of modernization.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule Milestone</td>
<td>Per Spec Section 01 52 13: Construction Manager, District, Owner, Project Inspector, Architect and Engineer's office shall be provided by the Contractor 390 calendar days after NTP.</td>
</tr>
</tbody>
</table>

**EXHIBIT “A” PHASING PLAN OF SITE WORK**

**ARTICLE 11 – INSURANCE AND BONDS**

Article found. Performance and Payment Bonds – The number of executed copies of the Performance Bond and the Payment Bond required is three (3).
IMMEDIATE CONSTRUCTION CHANGE DIRECTIVE NO.

PROJECT: __________________________________________________________________________

TO: ______________________________________________________________________________

You are hereby directed to provide the extra work necessary to comply with this ICD.

DESCRIPTION OF CHANGE: __________________________________________________________________

____________________________________________________________________________________

COST (This cost shall not be exceeded): _________________________________________________

TIME FOR COMPLETION: _____________________________________________________________

NOTE:

Pursuant to Article Error! Reference source not found. An Immediate Change Directive is a written order to the CONTRACTOR prepared by the Architect and signed by the DISTRICT (and CM if there is a CM on the Project) and the Architect, directing a change in the Work and stating a proposed basis for adjustment, if any, in the Contract Sum or Contract Time, or both. The DISTRICT may by ICD, without invalidating the Contract, direct immediate changes in the Work within the general scope of the Contract consisting of additions, deletions, or other revisions within. If applicable, the Contract Sum and Contract Time will be adjusted accordingly. CONTRACTOR SHALL PROCEED WITH WORK SET FORTH IN THIS ICD IMMEDIATELY UPON RECEIPT OR THE DISTRICT MAY EITHER HOLD THE CONTRACTOR IN EITHER PARTIAL DEFAULT PURSUANT TO ARTICLE Error! Reference source not found. OR TOTAL DEFAULT PURSUANT TO ARTICLE 14.

_______________________________________________________________________________

Architect

_______________________________________________________________________________

DISTRICT
CERTIFICATE OF SUBSTANTIAL COMPLETION

PROJECT: __________________________________________________________

TO: ______________________________________________________________

As the Architect for the Project described above, the Project has reached Substantial Completion. Substantial Completion is not reached unless and until each of the following three (3) conditions have been met: (1) all contractually required items have been installed with the exception of only minor and Incomplete Punch Items (See Article Error! Reference source not found. of the General Conditions); (2) All Fire/Life Safety Systems have been installed, and are working and signed off on the DSA Form 152 Inspection Card, all building systems including mechanical, electrical and plumbing are all functioning; and (3) the Project is fit for occupancy and its intended use.

I certify that the Project has reached Substantial Completion as defined above on the following date: _________________.

______________________________
Architect
## Modernization Move Matrix - Exhibit #01 A

<table>
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<th>TO</th>
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<tr>
<td>F1</td>
<td>D-4</td>
<td>Science</td>
</tr>
<tr>
<td>F2</td>
<td>M-3 or E10.5</td>
<td>Security</td>
</tr>
<tr>
<td>F3</td>
<td>Z-8</td>
<td>Program</td>
</tr>
<tr>
<td>F4</td>
<td>E-3A</td>
<td>Program/Intervention</td>
</tr>
<tr>
<td>F5</td>
<td>I-7</td>
<td>Math</td>
</tr>
<tr>
<td>F6</td>
<td>Y-7 ?</td>
<td>Tutoring</td>
</tr>
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<td>F7</td>
<td>I-1</td>
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</tr>
<tr>
<td>E3A</td>
<td>Z-9</td>
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</table>

### Modernization Moves: Phase 3 - No interim housing needs within the GYM. A need to find a space for PE Rain Days; potentially the auditorium.

### Modernization Moves: Phase 4

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<td>G7</td>
<td>Science</td>
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<td>E3a</td>
<td>F11</td>
<td>Program/Intervention</td>
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<td>E3b</td>
<td>?</td>
<td>Staff breakroom</td>
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<tr>
<td>E4</td>
<td>F10</td>
<td>Biomed</td>
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<tr>
<td>E5</td>
<td>Contex Box</td>
<td>Storage</td>
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<tr>
<td>E5.5</td>
<td>?</td>
<td>Combine w/ intervention lab</td>
</tr>
<tr>
<td>E6</td>
<td>F3 &amp; F9</td>
<td>brand new furniture</td>
</tr>
<tr>
<td>E7</td>
<td>F5</td>
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<td>E8</td>
<td>G6</td>
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H5 is open for discussion
SECTION 01 11 00
SUMMARY OF WORK

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Summary of the Work of these Contract Documents for the construction of:

PROJECT: __Modernization at Pacific High School__

Architect: __Ruhnau Clarke Architects__

Contact: __Juan Cantoran__

Email: __bids@ruhnauclarke.com__

1.02 GENERAL

A. Work under this Contract includes furnishing all labor, materials, services and transportation which is required for completion of the Project at F20-08 Pacific High School - Modernization in accordance with the Contract Documents.

B. The Contract Time for completion shall be that shown in the Construction Progress Schedule.

Once the CONTRACTOR has received a notice to proceed, the CONTRACTOR shall complete the work within 780 Calendar Days from the date listed on the Notice to Proceed. It is expressly understood that time is of the essence.

C. At the F20-08 Pacific High School Modernization, some of the work may be performed within a portion of an active school campus. All work shall be conducted in a manner that does not impact the health and safety of school staff, students, site workers and project personnel, adjacent property owners, and/or the general public. Contractor shall at all times employ safety practices and environmental controls which take into consideration the fact that work is being performed on an active school campus. All work shall be performed in a manner which maximizes safety.

D. Contract Drawings: The Drawings provided with and identified in the Project Manual are the Drawings referenced in the Agreement.

1. The location, extent and configuration of the required construction and improvements are shown and noted on Drawings.
   a. The Drawings are referenced in the Agreement.
   b. An index of Drawings is included in the set of Drawings.

2. Drawings are arranged into series according to design discipline. Such organization and all references to trades, subcontractor, specialty contractor or supplier shall not control the Contractor in dividing the Work among subcontractors or in establishing the extent of the Work to be performed by any trade.
3. Where the terms “as shown”, “as indicated”, "as noted", "as detailed", "as scheduled", or terms of like meaning, are used in the Drawings or Specifications, it shall be understood that reference is being made to the Drawings referenced in the Agreement.

4. Where reference to the word "plans" is made anywhere in Drawings, Specifications and related Contract Documents, it shall be understood to mean the Drawings referenced in the Agreement.

E. Contractor’s Safety Performance Requirement: SBCUSD places safety and safe work practices at a premium, especially in regard to operations on active District campuses.

F. All work shall be performed in a manner that minimizes impact to the environment, minimizes waste and maximizes the amount of salvageable material recovered throughout the project(s).

G. All work shall be performed in a manner that minimizes noise and vibration impacts to the adjacent classrooms, school operations and surrounding neighborhood. In some cases, loud or high vibration activities may have to be rescheduled to accommodate school instructional or testing activities. Such activities may require work on weekends, during holiday breaks, or other times when the campus is not occupied. Cost of rescheduling and of off hours’ work shall be at Contractor’s expense. Holiday break periods for the 2020-21 & 2021-22 school year are as follows:

- Winter Recess 12/21/20-1/08/21
- Dr Martin Luther King Jr. 1/18/21
- Lincoln’s Birthday 2/8/21
- Washington’s Birthday 2/15/21
- Spring recess 3/22/21-4/2/21
- Memorial Day 5/31/21
- Summer Break 6/7/21 – 7/26/21
- Independence Day 7/5/21
- Labor Day 9/6/21
- Veterans Day 11/11/21
- Thanksgiving 11/22/21-11/26/21
- Winter Recess 12/20/21-1/07/22
- Dr Martin Luther King Jr. 1/17/22
- Lincoln’s Birthday 2/14/22
- Washington’s Birthday 2/21/22
- Spring recess 3/22-4/1/22
- Memorial Day 5/30/22
- Summer break 6/2/22-TBD

H. All work shall be performed in a manner that protects existing infrastructure, landscaping, furnishings, equipment, and other structures or items designated to remain.

I. All work shall be performed in a manner that meets the District’s expectation for safe work execution, as well as adherence to schedule and project budget.
1.03 SUMMARY SCOPE OF WORK

The complete Scope of Work shall be as detailed in project contract documents, exhibits and attachments, project General Conditions, RFP documents and attachments, project drawings and specifications. A brief summary of the Scope of Work is provided below:

A. Site Work:

Site work at the F20-08 Pacific High School - Modernization campus includes:

all new underground site utilities, hardscape, landscape, and other features indicated on the drawings & specifications.

B. Buildings:

Work on campus buildings includes The Scope of the work includes but is not limited to the modernization of eight (8) existing classroom buildings at the District’s Pacific High School campus. These classroom buildings are Occupancy Type-Educational Group E, Construction Type V-B, with an Automatic Fire Sprinkler system at three (3) buildings and are primarily wood & steel construction. The classroom programs range from science, labs, math, English, history etc. Included is new building construction, interior improvements

Move Management and Coordination:

The General Contractor shall provide the following move management and coordination during the life of the project:

1. Provide staff to plan, manage and coordinate moves with school staff and Owner’s Representative.
2. Provide all necessary movers, supplies, storage facilities (limit to three (3) 50’ containers), furniture breakdown and assembly, if needed, to move furnishings to and from various locations at Pacific High School.
3. The modernization of classroom buildings will be phased consisting of 3 wings/buildings at a time, involving approximately 22 classrooms at each phase of modernization.
4. Each phase will be moved out, modernized per contract documents, then moved back. Upon occupancy, these buildings/wings/classrooms will be fully functioning classrooms/buildings.
5. Please refer to the Modernization Move Matrix in Exhibit #01 A & B
6. Refer to Supplemental Conditions for phasing plan and coordination with other Contractor(s).

C. COVID-19 Safety

All Contractor employees, subcontractors and visitors shall be required to comply with SBCUSD COVID-19 Safety Plan (see RFP Division 00 Attachment 13 - COVID-19 Safety Plan) prior to entering any SBCUSD campus, jobsite or work location

D. Per Spec Section 01 52 13: Construction Manager, District, Owner, Project Inspector, Architect and Engineer’s office shall be provided by the Contractor approximately 390 calendar days after NTP.

1.04 BIDDER’S INVESTIGATIONS
A. Bidder's Investigation:

Bidder shall visit site and become familiar with site conditions at the project site.

1. Bidder may, at Bidder's own expense and prior to bidding, make soil surveys and investigations Bidder considers necessary, following written notification to and approval by the District representative.
2. Bidder assumes risk that soil and underground conditions may be other than that indicated in soil investigation data.

B. Procedures:

1. Obtain authorization from authorized District Representative prior to start of borings or subsurface investigations.
2. Immediately upon completion of Bidder's subsurface investigation, return site areas affected by investigations to condition existing prior to start of Bidder subsurface investigations as directed by District Representative.

1.05 WORK COMPONENTS

The following work components are required by the Contract, Technical Specifications and Bid Proposal Exhibits and text of this RFP:

A. Activities Prior to Start of On-site Work:

1. Obtain ALL permits necessary to perform the scope of work.
2. Prepare and file all required notifications, including but not limited to South Coast Air Quality Management District (SCAQMD) Rule 1403 required notifications. SCAQMD Notifications must be filed at least 10 days before the start of work.
3. Submit and fully adhere to Contractor's health and safety plan in full compliance with CalOSHA, SCAQMD, and project specifications. Site work may not proceed until this plan is delivered to and accepted by District.
4. District has contracted a survey of asbestos, lead-based paint and other hazardous wastes to confirm presence of these materials. (See survey reports – Attached in Specifications).
5. Identify and procure the services of licensed waste haulers and properly permitted Waste Disposal/Management Facilities for the transportation and disposal of all material generated during hazardous materials abatement and demolition activities.
6. Submit a detailed work schedule for the project for review and acceptance by District.

B Hazardous Material Abatement and/or Mitigation:

A recent hazardous materials survey was conducted at the Pacific High School campus by Converse Consultants. Findings are summarized in their report of date, 7/27/2018 and August 8, 2018, “Hazardous Materials Survey Report.” Hazardous material abatement and/or mitigation activities are to include abatement of, but are not limited to, the following materials as listed in the report:
1. Asbestos Containing Materials (ACMs): Asbestos was detected in the following locations identified in the report.

2. Lead-Based Paint (LBP) and Lead containing items: Lead was detected above concentrations greater than 1.0 mg/cm² in the report.

3. Other Hazardous Materials:
   a. Any and all existing fluorescent light bulbs that will be impacted by demolition and or renovation activities should be removed, disposed of or recycled as Mercury containing waste. All such light tubes should be handled and containerized properly, in a manner to prevent breaking and potentially releasing mercury.

4. Contractor shall be responsible for the all required employee training, regulatory agency notifications, jobsite signage as well as proper removal and disposal of any/all hazardous materials designated to be removed or that are encountered in the course of the project(s).

5. Any/all hazardous materials abatement work completed while campus is occupied shall be completed between the hours of 4:00 p.m. and 7:00 a.m., or during holidays, weekends or other days when school is not in session.

C. Campus Systems to Remain Operational

1. All campus systems and utilities shall remain operational throughout the project, including but not limited to:
   a) Electrical service
   b) Water
   c) Irrigation
   d) Storm drains
   e) Sewer
   f) Natural gas
   g) Telephone
   h) Data (Ethernet, Wi-Fi and or cable service)
   i) Public Address System
   j) Campus synchronized clocks & bells
   k) Security system(s)
   l) including cameras, sensors, and electronic strikes

2. Fire Alarm Systems shall remain operational.
   In the event of any alarm condition, or if required for testing or fire drill procedures, Contractor shall allow District and/or fire personnel immediate access to fire alarm control panel(s).
   Contractor is responsible to provide fire watch if necessary.

3. Campus synchronized clock and bells system shall remain operational.
In the event that campus administration staff need to adjust clock or bell schedules, Contractor shall allow District personnel access to the bell system control panel(s).

4. The campus public address amplifier shall remain operational.

5. Data switches, equipment and data cabling from Electrical Room to other campus buildings shall remain operational throughout the duration of the project.

D. Demolition

1. All employees engaged in selective demolition activities shall be instructed regarding the contents of the Contractor’s Health & Safety Plan(s).

2. Any/all demolition shall be performed in a manner that emphasizes and maximizes the safety of students, staff, area residents as well as project personnel and support staff.

3. Demolition shall be performed in a manner that does not encroach upon or cause damage to adjacent properties and structures.

4. Demolition shall be performed in a manner that facilitates safe and efficient handling and load out of materials for disposal.

5. The sequence of Demolition, material stockpiling, loadout, transport, and disposal shall be performed in a manner that promotes a smooth workflow to meet schedule milestones.

6. Contractor shall take measures to protect in place adjacent trees and landscaping designated to remain.

E. Construction

1. All employees engaged in construction activities shall be instructed regarding the contents of the Contractor’s Health & Safety Plan(s).

2. Any/all construction shall be performed in a manner that emphasizes and maximizes the safety of students, staff, area residents as well as project personnel and support staff.

3. Any/all construction shall be performed in full compliance with project plans, specifications, and documents.

4. Any/all construction shall be performed in full compliance with regulatory requirements.

1.06 SEQUENCING OF WORK

A. Proper regulatory notifications must be filed and Health & Safety plans be submitted, and permits be secured prior to commencing site work. Proof of filing of regulatory agency notifications will be required prior to start of work.

B. Installation of perimeter fencing and screening must be completed prior to initiation of other site activities.

C. Hazardous Materials Abatement work must be completed, inspected and approved by the District representative and/or District consultant prior to the start of any demolition.
D. The modernization of classroom buildings will be phased consisting of 3 wings/buildings at a time, involving approximately 22 classrooms at each phase of modernization.

E. Contractor to provide adequate fencing to secure the construction area in phases and provide safe path of travel for students and staff.

1.07 PERMITS, LICENSES AND FEES

A. Permits:
   1. For Work included in the Contract, Contractor shall obtain all permits from authorities having jurisdiction including but not limited to City of San Bernardino, serving utility companies and other state and local regulatory agencies.
   2. District will reimburse Contractor for amount charged for such permits, without mark-up.

B. Licenses and certifications:
   1. Contractor shall obtain and pay all licenses and certifications associated with project demolition, abatement and construction activities, such as business licenses, contractors' licenses and vehicle and equipment licenses.
   2. All costs for licenses shall be included in the Contract Sum.

C. Assessments:
   1. District will pay all assessments and utility service connection fees. Costs of assessments shall not be included in the Contract Sum.

D. Test and Inspection Fees:
   1. Contractor shall pay all fees charged by authorities having jurisdiction and from serving utility companies and agencies, for tests and inspections conducted by those authorities, companies and agencies.
   2. District will reimburse Contractor for actual amount of such fees, without mark-up.

END OF SECTION
SECTION 12 24 00
WINDOW SHADES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Window shades and accessories.

B. Contractor to provide concealed fascia integrated in finished ceilings, support backing for mounting, power, conduit, raceways and switchboxes.

1.02 RELATED REQUIREMENTS

A. Section 06 10 00 - Rough Carpentry: Concealed wood blocking for attachment of headrail brackets.

B. Section 08 43 13 - Aluminum Framed Storefronts: Substrate for window shade systems.

C. Section 09 21 16 - Gypsum Board Assemblies: Substrate for window shade systems.

D. Section 09 51 00 - Suspended Acoustical Ceilings: Shade Pockets, pocket closures and accessories.

1.03 REFERENCE STANDARDS


B. CA Article 3.08, Title 19 - California Department of Toxic Substances Control - Clean Imported Fill Material; Current.


1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordination:

1. Where motorized shades are to be controlled by control systems provided under other sections, coordinate the work with other trades to provide compatible products.

2. Coordinate the work with other trades to provide rough-in of electrical wiring as required for installation of hardwired motorized shades.

BA. Preinstallation Meeting: Convene one week prior to commencing work related to products of this section; require attendance of all affected installers.

CB. Sequencing:

1. Do not fabricate shades until field dimensions for each opening have been taken.

2. Do not install shades until final surface finishes and painting are complete.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide manufacturer's standard catalog pages and data sheets including materials, finishes, fabrication details, dimensions, profiles, mounting requirements, and accessories.

C. Shop Drawings: Include shade schedule indicating size, location and keys to details.

D. Certificates: Manufacturer's documentation that line voltage components are UL listed or UL recognized.

E. Source Quality Control Submittals: Provide test reports indicating compliance with specified fabric properties.

F. Verification Samples: Minimum size 6 inches square, representing actual materials, color and pattern.

G. Manufacturer's Instructions: Include instructions for storage, handling, protection, examination, preparation, and installation of product.

H. Project Record Documents: Record actual locations of control systems and show interconnecting wiring.

I. Operation and Maintenance Data: List of all components with part numbers, sources of supply, and operation and maintenance instructions; include copy of shop drawings.

J. Warranty: Submit sample of manufacturer's warranty and documentation of final executed warranty completed in District's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than five years of documented experience.

B. Installer Qualifications: Company specializing in performing work of this type with minimum three years of documented experience and approved by manufacturer.

1. Factory training and demonstrated experience.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Deliver shades in manufacturer's unopened packaging, labeled to identify each shade for each opening.

B. Handle and store shades in accordance with manufacturer's recommendations.

1.08 FIELD CONDITIONS

A. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.09 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Provide manufacturer's warranty from Date of Substantial Completion, covering the following:

1. Shade Hardware: One year.
2. Fabric: One year.
3. Aluminum and Steel Coatings: One year.
PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Interior Manually Operated Roller Shades:
   1. Draper, Inc; Clutch Operated FlexShade: www.draperinc.com: Kathy Greenway (951) 304-9286.
   3. Mechoshade; Mecho/5 with fascia: www.mechoshade.com: Carlos Herrera (626) 369-7777.
   5. Skyco Shading; www.skycoshade.com: (714) 552-4064.
   6. Substitutions: See Section 01 60 00 - Product Requirements.
B. Source Limitations: Furnish products produced by a single manufacturer and obtained from a single supplier.

2.02 WINDOW SHADE APPLICATIONS
A. Interior Roller Shades: Privacy shades.
   1. Type: Roll down, closed position is at window sill.
   2. Fabric: As selected by Architect from manufacturer’s full range.
   3. Color: As selected by Architect from manufacturer’s full range of colors.
   4. Mounting: Inside and outside, where indicated on drawings.

2.03 ROLLER SHADES
A. Roller Shades: Fabric roller shades complete with mounting brackets, roller tubes, hembars, hardware and accessories.
   1. Drop: Regular roll.
   2. Size: As indicated on drawings.
B. Fabric: Non-flammable, color-fast, impervious to heat and moisture, and able to retain its shape under normal operation.
   1. Privacy Shades: Soften the light yet still reveal some details to the outside; moderate privacy; Openness Factor approximately equal to 1 percent.
   2. Flammability: Pass NFPA 701 large and small tests. Comply with CA Article 3.08, Title 19.
   3. Fungal Resistance: No growth when tested according to ASTM G21.
C. Roller Tubes: As required for type of operation.
   1. Material: Extruded aluminum or galvanized steel; as required for shade location.
   2. Size: Manufacturer's standard, selected for suitability for installation conditions, span, and weight of shades.
3. Fabric Attachment: Utilize extruded channel in tube to accept vinyl spline welded to fabric edge or double sided adhesive tape.


D. Hembars: Designed for weight requirements and adaptation to uneven surfaces, to maintain bottom of shade straight and flat.
   2. Finish: Painted.
   3. Color: As selected from manufacturer's standard colors.

E. Manual Operation: Clutch operated continuous loop; beaded ball chain. Chain length shall extend below shade to 39 inches AFF.

2.04 ACCESSORIES

A. Fascias: Size as required to conceal shade mounting.
   1. Style: As selected by Architect from shade manufacturer’s full selection.
   2. Material and Color: To match shade.

B. Brackets and Mounting Hardware: As recommended by manufacturer for mounting configuration and span indicated.

C. Number Plates: Number each opening and shade. Provide aluminum number plates for each shade unit and each opening. Fasten shade plate to the back of roller. Fasten opening plate on unexposed surface of the opening.

D. Fasteners: Non-corrosive, and as recommended by shade manufacturer.

2.05 FABRICATION

A. Field measure finished openings prior to ordering or fabrication.

B. Fabricate shades to fit openings within specified tolerances.
   1. Vertical Dimensions: Fill openings from head to sill with 1/2 inch space between bottom bar and window stool.
   2. Horizontal Dimensions - Inside Mounting: Fill openings from jamb to jamb.
   3. Horizontal Dimensions - Inside Mounting: Provide symmetrical light gaps on both sides of shade not to exceed 3/4 inch total.
   4. Horizontal Dimensions - Outside Mounting: Cover window frames, trim, and casings completely.

C. Dimensional Tolerances: As recommended in writing by manufacturer.

D. At openings requiring continuous multiple shade units with separate rollers, locate roller joints at window mullion centers; butt rollers end-to-end.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine finished openings for deficiencies that may preclude satisfactory installation.
B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
C. Start of installation shall be considered acceptance of substrates.

3.02 PREPARATION
A. Prepare surfaces using methods recommended by manufacturer for achieving best result for substrate under the project conditions.
B. Coordinate with window installation and placement of concealed blocking to support shades.

3.03 INSTALLATION
A. Install in accordance with manufacturer's instructions and approved shop drawings, using mounting devices as indicated.
B. Installation Tolerances:
   1. Inside Mounting: Maximum space between shade and jamb when closed of 1/16 inch.
C. Replace shades that exceed specified dimensional tolerances at no extra cost to District.
D. Adjust level, projection and shade centering from mounting bracket. Verify there is no telescoping of shade fabric. Ensure smooth shade operation.

3.04 CLEANING
A. Clean soiled shades and exposed components as recommended by manufacturer.
B. Replace shades that cannot be cleaned to "like new" condition.
C. See Section 01 74 19 - Construction Waste Management and Disposal for additional requirements.

3.05 CLOSEOUT ACTIVITIES
A. See Section 01 78 00 - Closeout Submittals, for closeout submittals.
B. Demonstration: Demonstrate operation and maintenance of window shade system to District’s personnel.

3.06 PROTECTION
A. Protect installed products from subsequent construction operations.
B. Touch-up, repair or replace damaged products before Substantial Completion.

3.07 MAINTENANCE
A. See Section 01 70 00 - Execution and Closeout Requirements, for additional requirements relating to maintenance service.

END OF SECTION
**Utility Construction Notes**

- **REVISION No.**
- **DATE**
- **DESCRIPTION**

**ADL PROJECT No.:**

- **EXISTING GAS LINE**
- **EXISTING ELECTRIC LINE**
- **EXISTING SEWER LINE**
- **EXISTING STORM DRAIN**
- **PROPOSED WATER LINE**
- **PROPOSED SEWER LINE**
- **PROPOSED STORM DRAIN**

**Point of Connection**

- **BLDG. 'T'**
- **EDGE OF PAVEMENT**

**Invert (Sewer)**

- **IE**

- **COMM 91 FURNISH & INSTALL 18" RCP STORM DRAIN PIPE**
- **COMM 89 CONSTRUCT STORM DRAIN MANHOLE PER SPPWC 2009 ED. STD. PLAN 321-2 ON SHEET C-5.2**
- **COMM 88 ON SHEET C-5.1**

- **COMM 85 FURNISH & INSTALL 12" SDR 35 PVC STORM DRAIN PIPE**
- **COMM 82 FURNISH & INSTALL 8" SDR 35 PVC STORM DRAIN PIPE**
- **COMM 74 FURNISH & INSTALL 4" SDR 35 PVC STORM DRAIN PIPE**

- **COMM 58 CUT AND CAP EXISTING WATER LINE**
- **COMM 53 FURNISH & INSTALL 2" SCHEDULE 80 WATER LINE**
- **COMM 51 FURNISH & INSTALL 1" SCHEDULE 80 WATER LINE**

- **FURNISH AND INSTALL 6" REDUCED PRESSURE BACKFLOW DEVICE (FEBCO LF866 OR APPROVED EQUAL) ON SHEET C-5.2**
- **FURNISH & INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE IFP OR APPROVED EQUAL) ON SHEET C-5.2**
- **FURNISH & INSTALL FIRE HYDRANT ASSEMBLY (JONES 4060 AR OR APPROVED EQUAL) ON SHEET C-5.2**

- **COMM 50 FURNISH & INSTALL 3" SCHEDULE 80 WATER LINE**
- **COMM 48 FURNISH & INSTALL 2" SCHEDULE 80 WATER LINE**

- **COMM 44 FURNISH & INSTALL STANDPIPE OUTLET PER DETAIL "L" ON SHEET C-5.1**
- **COMM 40 FURNISH & INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE IFP OR APPROVED EQUAL) ON SHEET C-5.2**

- **COMM 39 FURNISH & INSTALL 4" SDR 35 PVC SEWER LINE**
- **COMM 38 FURNISH & INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE IFP OR APPROVED EQUAL) ON SHEET C-5.2**

- **FURNISH & INSTALL 3" SCHEDULE 80 WATER LINE**
- **FURNISH & INSTALL 2" SCHEDULE 80 WATER LINE**

- **COMM 28 CUT AND CAP EXISTING WATER LINE**
- **COMM 25 FURNISH & INSTALL 1" SCHEDULE 80 WATER LINE**

- **COMM 20 FURNISH AND INSTALL 6" REDUCED PRESSURE BACKFLOW DEVICE (FEBCO LF866 OR APPROVED EQUAL) ON SHEET C-5.2**

- **COMM 19 CUT AND CAP EXISTING WATER LINE**
- **COMM 18 CUT AND CAP EXISTING WATER LINE**

- **COMM 16**
- **COMM 15**
- **COMM 14**

- **CONSULTANT BRANDING**
- **CONSULTANT BRANDING**
- **CONSULTANT BRANDING**