RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT



ADDENDUM NO. 02

Bid #1464 Interior Improvements Project at Centennial Education Center

Address: 2900 W Edinger Ave, Santa Ana, CA 92704

Project ID #2914

October 16, 2024

Owner:

Rancho Santiago Community College District 2323 North Broadway, Room 112 Santa Ana, California 92706

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN SUBMITTED

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected Subcontractors and Suppliers, prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of all Addenda in the space provided on the Bid Proposal Form by the number (list every addenda). Failure to do so shall deem the Bid Proposal as non-responsive and subject the Bidder to disqualification.

Item No. AD 2-1: Revised Project Documents (See clouded areas for changes)

The following information is revised and/or added by this addendum – see included attachments

- "Attachment A Scope of Work" updated with linoleum flooring specification information.
- "Attachment B Specifications" updated with linoleum flooring specification section.
- "Attachment B Specifications" updated with acoustical panel ceiling specification section.
- "Attachment C Drawings/Plans" updated with linoleum flooring specification information.
- "Attachment C Drawings/Plans" updated with approximate dimensions per room/building and ceiling height clarification.
- Specification section 09 90 00 (PAINTING), subsection 2.F.9 removed.

Item No. AD 2-2: Photo Supplementation References

Attachment #01 provides photo references of typical/common areas that are found throughout the project area in which the scope of work is to be completed.

Item No. AD 2-3 Responses to Questions

The attached provides a response to the Bidder's Request for Pre-Bid Information submitted on the Pre-Bid Clarification Form. See attached for a total of thirty-one (31) RFI Responses.

Enclosed:

- RFI Responses #001 #031
- Attachment A: Scope of Work
- Attachment B: Specifications
- Attachment C: Drawings/Plans
- Attachment #01: Photo References

This is the end of Addendum No. #02

Attachment A – Scope of Work

Interior Improvements at Centennial Education Center

The contractor is hereby tasked with providing all necessary labor, materials, and equipment to execute the following detailed scopes of work for Buildings A, B, D, E, F and G at the Centennial Education Center:

Painting

1. Interior Painting

- o Patch and sand all interior walls, doors and trim where necessary.
- Prior to painting, all walls and trim are to be primed (Dunn Edwards), reference Specification 09 90 00 Painting. An additional coat of primer may be required if there any stains are still apparent.
- o Paint Color: Faded Gray (Dunn Edwards DEW382)
- o Paint Finish: Semi-Gloss
- Submit paint samples for approval by the District representative prior to commencing work.
- o Paint all interior walls and trim with high-quality paint to the specified finish.
- o Apply a minimum of two (2) coats of paint for walls and trim, where applicable.

2. HVAC Grille Painting

- o Clean and paint all existing HVAC return and supply grills to enhance aesthetic appeal.
- o Refer to Attachment C Drawing(s)/Plans(s) for the number of grilles to be painted.

3. Special Requirements

- o Provide an additional 5% of paint for "attic stock".
- o Painting schedule will coincide with owner occupancy to minimize disruption.
- o Nightwork may be required to accommodate the project timeline.
- Weekend work will be necessary to stay on schedule.
- Ensure the site is left in a clean and in presentable condition upon completion of each workday.

Floor Replacement

1. Removal and Disposal

o Carefully remove and dispose of all existing flooring and base materials in accordance with local environmental regulations.

2. Subfloor Preparation

- o Thoroughly prepare the subfloor using a self-leveling compound to ensure a smooth and level surface for the new flooring.
- o All materials utilized must be recommended by the carpet manufacturer and be chemically and physically compatible with the specified carpet system.

3. Installation of New Flooring

- o Install new carpet tiles and linoleum flooring throughout the areas designated in Attachment C Drawing(s)/Plan(s).
- o Install new 4-inch rubber bases in all areas where new carpeting is laid.
- O Specifications for carpet: TARKETT Tandus Centiva Carpet Tile, Style Number 03026

 Aftermath, Color Number 23509 Frankel.

Specifications for linoleum flooring: Forbo Marmoleum #3421 Oyster Mountain

Specifications for walk off mals: TARKETT walk off tile. A inches, #19100, Charcoal.

o Install new wall bases. Specification: TARKETT, Color: Black #40.

4. Special Conditions

- o Carpet around existing built-in cabinetry with precision to ensure a seamless finish.
- o Carpet under existing workstations by carefully lifting and relocating as necessary to avoid damage.
- o The District will review and approve requests for carpeting around other items on a caseby-case basis.
- Furniture will remain in the rooms. The contractor is responsible for meticulously lifting, relocating, and returning all furniture and equipment to their original locations without causing any damage.
- Maintain a minimum ambient temperature of 65 degrees Fahrenheit and 65% Relative Humidity for 72 hours prior to, during, and 48 hours after installation to ensure proper adhesion and longevity of the carpet. The District Project Manager will coordinate HVAC setpoints.
- Do not commence carpet installation until the space is fully enclosed, weatherproof, and all wet-work is completed and nominally dry. Additionally, work above ceilings must be complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.
- o Provide an additional 5% of carpet for "attic stock".

Ceiling Tile Replacement

1. Replacement of Damaged Tiles

- o Replace all existing damaged ceiling tiles with new ones.
- o See specifications for ceiling tile information.
- o Assume 10 ACT tiles to be replaced in each room as a baseline estimate.

2. Special Requirements

- o The work schedule will coincide with owner occupancy to ensure minimal disruption.
- o Nightwork is required to stay on schedule.
- Weekend work will be necessary to meet project deadlines.
- o Ensure the site is left clean and ready for use at the end of each workday.
- o Provide an additional 5% of each type of ceiling tile for "attic stock".

The contractor shall adhere to all safety regulations, maintain a clean and safe work environment, and complete the project within the agreed-upon timeframe. Regular progress updates and coordination with the District Project Manager will be required throughout the project.



FACILTIY PLANNING, CONSTRUCTION, AND DISTRICT SUPPORT SERVICES 2323 NORTH BROADWAY, RM 112 SANTA ANA, CA 92706

TEL: 714-480-7510

Rancho Santiago Community College District

ATTACHMENT - B

Division OLASCOD Specifications

Section 09 50 00 – Acoustical Panel Ceilings Section 09 65 40 – Linoleum Sheet Flooring Section 09 68 13 Carpet The

Section 09 90 00 – Painting

Bid #1464

Interior Improvements Project at Centennial Education Center

Project Manager: Ava Hill

October 15, 2024

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SECTION 01 11 00 SUMMARY OF WORK

PART 1 – GENERAL

SUMMARY

- A. The Project consists of interior improvements at the Rancho Santiago Community College District's Centennial Education Center, in compliance with the Contract Documents and Code requirements.
- B. The furnishing of all labor, materials, equipment, services, and incidentals necessary for Work of Interior Improvements at the Rancho Santiago Community College District's Centennial Education Center, 2900 West Edinger Avenue, Santa Ana, California 92704.

1.02 RELATED DOCUMENTS

- A. Division 01
- B. Drawings
- C. Specifications

1.03 USE OF PREMISES

- A. Contractor shall sequence, coordinate, and perform the Work to impose minimum impact on the operation and use of the facilities and/or Project site. Contractor shall install all necessary protection for existing improvements, Project site, property, and new Work against dust, dirt, weather, damage, vandalism, and maintain and relocate all protection to accommodate progression of the Work.
- B. Contractor shall confine entrance and exiting to the Project site and/or facilities to routes designated by the District Representative.
- C. Contractor to coordinate with District Representative to obtain keys. Contractor will be required to sign a release form. Key requests need to be made three (3) days in advance. If Contractor loses a key or fails to return a key to the District, Contractor shall be fined \$1,000 for each key lost.
- D. Obtain and pay for the use of field offices, storage, work areas, or parking needed for operations or Contractor's employees. Obtain and pay for all public right of way fees associated with utility connections, street use permits and protective canopies over public right of ways.
- E. Within existing facilities, District Representative may remove portable equipment, furniture, and supplies from Work areas prior to the start of Work. Contractor shall cover and protect remaining items in areas of the Work.
- F. Provide and maintain unimpeded access for police, fire fighting, or rescue equipment.
- G. Contractor is advised school may be in session during performance of the Work. Contractor shall utilize all available means to prevent generation of unnecessary noise/vibrations and maintain noise/vibration levels to a minimum. When required by the District Representative, Contractor shall immediately discontinue noise-generating activities and/or provide alternative methods to minimize noise generation. Contractor shall install and maintain air compressors, tractors, cranes, hoists, vehicles, and other internal combustion engine equipment with mufflers, including unloading cycle of compressors. Contractor shall discontinue operation of equipment producing objectionable noise as determined by District Representative and/or District Representative. When applicable, District Representative will provide a testing schedule to indicate when work may not occur.
- H. Contractor shall furnish, install, and maintain adequate supports, shoring, and bracing to preserve structural integrity and prevent collapse of existing improvements and/or Work modified and/or altered as part of the Work.

- Contractor shall secure site, building entrances, exits, and Work areas with locking devices in an acceptable manner to District Representative.
- J. Contractor assumes custody and control of Owner property, both fixed and portable, remaining in existing facilities vacated during the Work.
- K. Contractor shall cover, maintain, and protect surfaces of rooms and spaces in existing facilities turned over for the Work, including Owner property remaining within as required to prevent soiling or damage from dust, dirt, water, and/or fumes. Contractor shall protect areas adjacent to the Work in a similar manner. Prior to Owner occupancy, Contractor shall clean all surfaces including Owner property.
- L. Contractor shall protect all surfaces, coverings, materials, and finished Work from damage. Mobile equipment shall be provided with pneumatic tires.
- M. The District reserves the right to place and install equipment in areas of the Project prior to Substantial Completion provided that it doesn't interfere with the completion of the Work. This partial occupancy shall not constitute acceptance of the Work by the District Representative.
- N. Contractor shall not permit the use of portable and/or fixed radio's or other types of sound producing devices including Walkman's, iPod's, and similar devices.

1.04 EXISTING CONDITIONS

- A. Contractor shall document the existing site and produce still photographs or video recording on DVD, sufficiently detailed, of existing conditions of adjoining construction, roads, and site improvements that might be misconstrued as damage caused by construction operations.
- B. Contractor shall protect items indicated to remain against damage and soiling during construction.
- C. Contractor shall sequence work in a manner that will prevent any damage upon new construction elements.
- D. Contractor shall replace any items damaged during construction.

1.05 WORK NOT IN CONTRACT

- A. The term "NIC" shall be construed to mean that portions of the Project are not to be furnished, installed or performed by the Contractor. The term shall mean "Not in Contract" or Not a Part of the Work to be performed by the Contractor" except that coordination and installation of certain NIC items specified shall be the Contractor's responsibility. District will award separate contracts for products and installation for the following work and other work as may be indicated on Drawings as NIC (Not in Contract), including:
- B. When the work of this Contract requires the Contractor to make allowance for the above in his work, and to provide supports, power, conduits, stub-outs and other services to these items, the drawings, manufacturer's data and other information necessary for the Contractor's work will be provided by the District Representative upon request.
- 1.06 OWNER FURNISHED CONTRACTOR INSTALLED (OFCI) MATERIALS [RESERVED]
- 1.07 CONTACTOR FURNISHED OWNER INSTALLED (CFOI) MATERIALS [RESERVED]

PART 2 – PRODUCTS (Not applicable)

PART 3 – EXECUTION (Not applicable)

END OF SECTION 01 11 00

SECTION 01 12 16 PHASING OF THE WORK

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Requirements for phasing of the Work include logistics, phasing, and completion of designated phases prior to commencement of subsequent phases.

1.02 RELATED SECTIONS

- A. Section 01 11 00: Summary of Work.
- B. Section 01 31 13: Project Coordination.
- C. Section 01 32 13: Construction Schedule.
- D. Section 01 33 00: Submittal Procedures.
- E. Section 01 77 00: Closeout Procedures.

1.03 SUBMITTALS

A. Contractor shall submit a Project site logistics plan in accordance with and as required by this Section.

PART 2 – PRODUCTS (Not applicable)

PART 3 - EXECUTION

3.01 LOGISTICS

- A. Prior to commencement of the Work, Contractor shall prepare and submit to the District Representative, a detailed Project site logistic plan, in the same size and scale of the Drawings, setting forth Contractor plan of the Work relative to the following, but not limited to, items:
 - 1. In accordance with local ordinances a truck access route to and from the Project site.
 - 2. The identification of any overhead wire restrictions for power, street lighting, signal, and/or cable.
 - 3. Local sidewalk access and street closure requirements.
 - 4. Protection of sidewalk pedestrians and vehicular traffic.
 - Project site fencing and access gate locations.
 - 6. Construction parking.
 - 7. Material staging and/or delivery areas.
 - 8. Material storage areas.
 - 9. Temporary trailer locations.
 - 10. Temporary service location and proposed routing of all temporary utilities.
 - 11. Location of temporary and/or accessible fire protection
 - 12. Trash removal and location of dumpsters.
 - 13. Concrete pumping locations.
 - 14. Crane locations.
 - 15. Location of portable sanitary facilities.

- 16. Mixer truck wash out locations.
- 17. Traffic control signage.
- 18. Perimeter and site lighting.
- 19. Stockpile and/or lay down areas.
- 20. Emergency Vehicle Access Routes.
- B. A revised Project site logistic plan may be required by the District Representative for separately identified phases of the Work as set forth in this Section.
- C. Contractor is responsible for securing and obtaining all approvals and permits from authorities having jurisdiction relative to logistic plan activities.

3.03 PHASING OF THE WORK

- A. Project will be constructed in separate Milestone increments, as identified or as described in this Section and/or the Contract Documents. Phasing will also delineate Work to be completed in each designated phase. Unless otherwise approved or directed by the District Representative, each phase shall be completed according to the approved Construction Schedule prior to the commencement of the next subsequent phase. Contractor shall incorporate and coordinate the Work of Separate Work Contracts relative to this Project into the Phasing and Construction Schedule.
- B. Contractor shall install all necessary Work for phased Work before completion of the designated phase.

3.04 PHASING OF THE WORK – GENERAL

- A. Contractor shall prepare the Milestone Schedule in order to complete the Work and related activities in accordance with the phasing plan. Contractor shall include all costs to complete all Work within the Milestones and Contract Time.
- B. Owner will be seriously damaged by not having all Work completed within the Milestones and/or Contract Time. It is mandatory the Work be complete within the Milestones and Contract Time.

3.05 PHASING OF THE WORK – SPECIFIC [RESERVED]

END OF SECTION 01 12 16

SECTION 01 21 00 ALLOWANCES

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. This Section specifies administrative and procedural requirements governing Contract allowances.
 - 1. Allowances as set forth in the Specifications are to be used as compensation for items as set forth in this Section. The amounts listed in the schedule or Specifications are to be included in the base bid and shall be listed separately in the Schedule of Values and Application for Payment.

1.02 RELATED SECTIONS

- A. Section 01 29 73: Schedule of Values Procedures.
- B. Section 01 29 76: Progress Payment Procedures.
- C. Section 01 32 13: Construction Schedule.

1.03 ALLOWANCES

- A. Use the allowances only as authorized for Owner purposes and only by submitting a form that indicates the amounts to be charged to the respective allowance amount to the District Representative.
- B. District Representative and Architect (if required) will review Contractor's basis for its use of any Allowance costs included in Contract Sum as required, and prior to the execution of Work described in Allowances.
- C. At Substantial Completion of the Work or at any time designated by the District Representative, credit unused amounts remaining in the allowances to the Owner via Change Order.

1.04 ALLOWANCE DISBURSEMENT

- A. Contractor shall submit a request for allowance disbursement to the District Representative. Include all substantiating and/or required data along with the request.
- B. The request shall have the requested amount listed as an allowance disbursement without bond fees.

PART 2 – PRODUCTS (Not Applicable)

PART 3 - EXECUTION

3.01 SCHEDULE OF ALLOWANCES

A. Include in the base bid the following allowances in the following amounts:

Description

The District will add an allowance amount. The allowance shall be used solely by the District to address unforeseen conditions related to the carpet replacement, interior wall painting, and ceiling grid repair to replace ceiling tiles that are hidden or unknown at the time of bid. The allowance will be added to the final contract amount for award once the District determines the lowest, responsive bidder.

AMOUNT TO BE DETERMINED

END OF SECTION 01 21 00

SECTION 01 26 13 REQUEST FOR INFORMATION PROCEDURES

PART 1 – GENERAL

- 1.01 SECTION INCLUDES
 - A. Procedure for requesting information of the intent of the Contract Documents.
- 1.02 RELATED SECTIONS
 - A. General Conditions.
 - B. Section 01 11 00: Summary of Work.
 - C. Section 01 31 13: Project Coordination.
 - D. Section 01 32 13: Construction Schedule.
 - D. Section 01 77 00: Contract Closeout.

PART 2 – PRODUCTS (Not used)

PART 3 - EXECUTION

3.01 PROCEDURE

- A. Contractor shall prepare a Request for Information. Refer to Appendix A for a sample RFI form. Contractor shall transmit the Request for Information to Architect with sketches, pictures and a suggested solution (if applicable) with a concurrent copy to the District Representative.
- B. Architect response is a clarification of the intent of the Contract Documents and does not authorize changes in the Contract Amount, Milestones, and/or Contract Time.
- C. A Request for Information may be returned with a stamp or notation "Not Reviewed," if:
 - 1. The requested information is ambiguous or unclear.
 - 2. The requested information is equally available to the requesting party by researching and/or examining the Contract Documents.
 - 3. Contractor has not reviewed the Request for Information prior to submittal.
- D. Review Time: After receipt by Architect and District Representative, allow seven (7) calendar days for response time by Architect. Contractor shall verify and is responsible for verifying Architect and District Representative receipt of a Request for Information.
- E. Subcontractor-Initiated and Supplier-Initiated RFIs: RFIs from subcontractors and material suppliers shall be submitted through, be reviewed by and be attached to an RFI prepared, Signed and submitted by Contractor. RFIs submitted directly by subcontractors or material suppliers will be returned unanswered to the Contractor.
 - 1. Contractor shall review all subcontractor and supplier initiated RFIs and take actions to resolve issues of coordination, sequencing, and layout of the Work.
 - 2. RFIs submitted to request clarification of issues related to means, methods, techniques and sequences of construction or for establishing trade jurisdictions and scopes of subcontracts will be returned without interpretation. Such issues are solely the Contractor's responsibility.
 - 3. Contractor shall be responsible for delays resulting from the necessity to resubmit an RFI due to insufficient or incorrect information presented in the RFI.

F. RFI Log: Contractor shall prepare and maintain a log of RFIs, and at any time requested by the Architect, Project Inspector, or District Representative, the Contractor shall furnish copies of the log showing all outstanding RFIs.

END OF SECTION 01 26 13

SECTION 01 29 73 SCHEDULE OF VALUES PROCEDURES

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Procedure for submission of a Schedule of Values for review and approval by the District Representative.

1.02 RELATED SECTIONS

- General Conditions.
- B. Section 01 21 00: Allowances.
- C. Section 01 29 76: Progress Payment Procedures.
- D. Section 01 31 13: Project Coordination.
- E. Section 01 32 13: Construction Schedule.
- F. Section 01 32 29: Project Forms.
- G. Section 01 33 00: Submittal Procedures.

PART 2 – PRODUCTS (Not used)

PART 3 - EXECUTION

3.01 PREPARATION

- A. In accordance with the General Conditions, Contractor shall commence preparation of a Schedule of Values on the form included in Section 01 32 29.
- B. Contractor shall coordinate the preparation of a Schedule of Values with preparation of the Construction Schedule as set forth in Section 01 32 13.
- C. Round amounts to the nearest whole dollar; the total shall equal the Contract Amount.
- D. Provide a breakdown of the Contract Amount in enough detail acceptable to District Representative to facilitate continued evaluation of Application for Payment and progress reports. Coordinate with the Project Manual table of contents and Schedule of Values form under Section 01 32 29. Provide breakdown of all subcontract amounts.
- E. Provide separate line items for items in the Schedule of Values for total installed value of that part of the Work.
- F. Provide separate line item for labor and material when applicable.
- G. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item except the amounts shown as separate line items as indicated under Schedule of Values form.
- H. Temporary facilities and other cost items that are not direct cost of actual work-in-place shall be shown as separate line items as indicated under Schedule of Values form.
- I. If at any time, District Representative determines, in its reasonable discretion, that the schedule of Values does not approximate the actual cost being incurred by Contractor to perform the Work, Contractor shall prepare, for District Representative approval, a revised Schedule of Values, which then shall be used as the basis for future progress payments. Without changing the Contract Amount, District Representative reserves the right to require Contractor:
 - 1. To increase or decrease amounts within the line items in the Schedule of Values; and,
 - 2. To conform the price breakdown to Owner accounting practice.

END OF SECTION 01 29 73

SECTION 01 29 76 PROGRESS PAYMENT PROCEDURES

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. This Section specifies administrative and procedural requirements relative to an Application for Payment.
 - 1. Coordinate the Schedule of Values and Application for Payment with, but not limited to, the Construction Schedule, submittal log, and list of Subcontractors.

1.02 RELATED SECTIONS

- General Conditions.
- B. Section 01 21 00: Allowances.
- C. Section 01 29 73: Schedule of Values Procedures.
- D. Section 01 32 13: Construction Schedule.
- E. Section 01 32 29: Project Forms.
- F. Section 01 74 19: Construction and Demolition Waste Management.
- G. Section 01 77 00: Contract Closeout.

PART 2 – PRODUCTS (Not applicable)

PART 3 – EXECUTION

3.01 APPLICATION FOR PAYMENT

- A. Each Application for Payment shall be consistent with previous applications and payments as reviewed by Project Inspector, Architect, and District Representative. The following Applications for Payment involve additional requirements:
 - 1. The Initial Application for Payment
 - 2. The Final Application for Payment
- B. Payment Application Times: The period of Work covered by each Application for Payment is the payment date for each progress payment as specified in the General Conditions. The period covered by each Application for Payment is the previous month.
- C. Contractor shall submit a draft Application for Payment seven (7) days prior to the first of each month, to be reviewed by the Architect, District Representative, and Project Inspector.
- D. Payment Application Checklist: Use required form for the Application for Payment per Section 01 32 29.
- E. Application Preparation: Complete every entry on the form. Include execution by a person authorized to sign legal documents on behalf of Contractor.
- F. Transmittal: Submit a minimum of five (5) wet signature originals of each Application for Payment to the District Representative. All copies shall be complete, including releases and similar attachments.
 - 1. Transmit each copy with a transmittal form listing attachments and recording appropriate information related to the application, in a manner acceptable to District Representative.
 - 2. Provide the Contractor Payment Checklist form, included as part of District Forms.
- G. *Initial Application for Payment*: Administrative actions and submittals, that must precede or coincide with submittal for the first Application for Payment include, but are not limited to, the following:
 - 1. Schedule of Values.
 - 2. Construction Schedule.

- 3. Submittal Schedule.
- 4. Emergency Contact List.
- 5. Local Hire Policy Forms. Releases.
- 6. Resume of Contractor's Project Manager, Job Site Superintendent, and Land Surveyor.
- H. *Applications for Payment*: Administrative actions and submittals that must precede or coincide with submittal of Progress Applications for Payment include, but are not limited to, the following:
 - 1. Updated and current Project Record Drawings (as-built). Visual verification necessary only.
 - 2. Monthly Construction Schedule (updated, submitted and approved).
 - 3. Approved Schedule of Values.
 - 4. List of Subcontractors (Payments Summary).
 - 5. Waivers and Releases.
 - 6. Updated Submittal Schedule.
 - 7. Material invoices, evidence of equipment purchases, rentals, and other backup materials to support cost as requested by the District Representative.
- I. Final Payment Application: Administrative actions and submittals that must precede or coincide with submittal of the final Application for Payment include, but are not limited to, the following:
 - 1. Project Inspector's sign-off and final approval.
 - 2. Completion of Contract Closeout requirements.
 - 3. Updated and Final As-Built drawings in accordance with General Conditions
 - 4. Completion and acceptance of final punch list items.
 - 5. Delivery of extra materials, products, and/or stock.
 - 6. Identification of unsettled claims.
 - 7. Proof that taxes, fees, and similar obligations are paid.
 - 8. Operating and maintenance instruction manuals.
 - 9. Consent of surety to final payment.
 - 10. Waivers and releases.
 - 11. Warranties, guarantees and maintenance agreements.
 - 12. Training.
 - 13. Removal of temporary facilities and services.
 - 14. Removal of surplus materials, rubbish, and similar elements.
 - 15. Deductive items pursuant to the General Conditions
 - 16. Completion and submission of all final change orders for the project.
 - 17. Disabled Veteran Business Enterprise (DVBE) Contractor close-out statement.
- J. Any payments made to Contractor where criteria set forth above have not been met shall not constitute a waiver of said criteria by District Representative. Instead, such payment shall be construed as a good faith effort by District Representative to resolve differences so Contractor may pay its Subcontractors and suppliers and that Contractor agrees that failure to submit such items may constitute a breach of contract by Contractor and may subject Contractor to termination.

END OF SECTION 01 29 76

SECTION 01 31 13 PROJECT COORDINATION

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. This Section specifies administrative and procedural requirements necessary for coordinating Work operations including, but not limited to, the following:
 - 1. General coordination procedures.
 - 2. Coordination drawings.

1.02 RELATED SECTIONS

- A. Section 01 12 16: Phasing of the Work.
- B. Section 01 31 19: Project Meetings.
- C. Section 01 32 13: Construction Schedule.
- D. Section 01 33 00: Submittal Procedures.
- E. Section 01 45 23: Testing and Inspection.
- F. Section 01 73 29: Cutting and Patching.

PART 2 – PRODUCTS (Not used)

PART 3 - EXECUTION

3.01 COORDINATION

- A. It is the Contractor's responsibility to coordinate the Work to minimize conflicts and optimize efficiency.
- B. School occupancy will remain in session during the school year
- C. The placement of pipes, conduits, other materials, and the locations, size and reinforcement of holes in the building structure shall conform to the structural Drawings and Specifications. When the requirements of the Mechanical, Electrical or other sections of the Specifications or Drawings are in conflict with the structural requirements, the structural requirements shall take precedence. The Contractor shall take all precautions prior to coring into a building structure. The Contractor must notify the structural engineer and obtain written approval prior to completing any structural penetrations if the structural integrity of an existing building structure is compromised. Refer to section 01 73 29, Cutting and Patching.
- D. Verify that utility, and other building system requirement characteristics of operating equipment are compatible with existing utilities, and other existing building systems. Coordinate work of various Sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.
- E. Contractor shall coordinate operations included in various sections of Contract Documents to assure efficient and orderly installation of each part of Work. Coordinate Work operations included under related sections of Contract Documents that depend on each other for proper installation, connection, and operation of Work, including but not limited to:
 - 1. Schedule construction operations in sequence required where installation of one part of Work depends on installation of other components, before or after its own installation.
 - 2. Coordinate installation of different components to assure maximum accessibility for required maintenance, service, and repair.
 - 3. Provide provisions to accommodate items scheduled for later installation.
 - 4. Prepare and administer provisions for coordination drawings.
- F. Where necessary, prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required in notices, reports, attendance at meetings, and:

- 1. Prepare similar memoranda for District Representative and Separate Work Contract where coordination of their Work is required.
- G. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities to avoid conflicts and assure orderly progress of Work. Such administrative activities include, but are not limited to, the following:
 - 1. Preparation of schedules.
 - 2. Installation, relocation, and removal of temporary facilities.
 - 3. Delivery and processing of submittals.
 - 4. Progress meetings.
 - 5. Project closeout activities.
- H. Conservation: Coordinate Work operations to assure operations are carried out with consideration given to conservation of energy, water, materials, and:
 - Salvage materials and equipment involved in performance of, but not actually incorporated into Work.
- I. Contractor shall provide advance notice (minimum of two (2) working days) to District Representative of any required electrical or HVAC shut down activities for the District to properly prepare for these activities and the down time that will occur.
- J. Contractor shall provide advance notice (minimum of two (2) working days) to District Representative of any required testing of active cabling for the District to properly prepare for these activities and the down time that will occur.

3.02 SUBMITTALS

- A. Coordination Drawings: Contractor shall prepare coordination drawings to coordinate the installation of products and materials fabricated, furnished and installed by separate entities, under different parts of the Contract. Contractor shall notify District Representative and Architect of all major conflicts in writing in a timely manner so that the design team can respond without construction delays. Coordination drawings shall address the following at a minimum:
 - 1. Limitations in available space for installation or service. Contractor shall overlay plans of each trade and verify space requirements and conflicts between trades. Minor changes and adjustments that do not affect design intent shall be made by Contractor and shall be highlighted for Architect's review.
 - 2. Incompatibility between items provided under different trades (such as difference in voltage between equipment specified under Divisions 22 and 23 and electrical power provided under Division 26.)
 - 3. Inconsistencies between drawings, specifications and codes (between trades and within each trade).
 - 4. Additional items required for existing facilities construction projects shall be designed and prepared from available as-built drawings that are verified through non-invasive and non-destructive, visual observation only. Contractor shall field verify actual existing conditions during and upon completion of demolition work and incorporate findings into preparation of coordination drawings. Minor changes and adjustments that do not affect design intent shall be made by Contractor and shall be highlighted for District Representative and Architect's reviews.
- B. [RESERVED]
- C. [RESERVED]

SECTION 01 31 19 PROJECT MEETINGS

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. This Section specifies administrative and procedural requirements for Project meetings, including but not limited to, the following:
 - 1. Preconstruction meeting.
 - 2. Pre-installation conferences.
 - Progress meetings.
 - 4. Meetings as required by District Representative.

1.02 RELATED SECTIONS

- A. Section 01 12 16: Phasing of the Work.
- B. Section 01 31 13: Project Coordination.
- C. Section 01 32 13: Construction Schedule.
- D. Section 01 33 00: Submittal Procedures.

PART 2 – PRODUCTS (Not used)

PART 3 - EXECUTION

3.01 PRECONSTRUCTION MEETING

- A. District Representative will schedule a preconstruction meeting before starting the Work, at a time and date determined by District Representative. Meeting shall be held at the Project site or another location as determined by District Representative. Meeting will be held in order to review responsibilities, procedures, and other administrative requirements contained within the Contract Documents. Major trades may attend.
- B. Authorized representatives of District, Project Inspector, Architect, Contractor and other parties shall attend the meeting. All participants at the meeting shall be familiar with the Project and authorized to conclude matters relating to the Work.
- C. Agenda items shall include significant items which could affect progress of the Work, including, but not limited to the following:
 - 1. Identification of District Representative, key team members, and roles/responsibilities
 - 2. Preliminary Construction Schedule.
 - 3. Critical work sequencing and coordination of other work on campus.
 - 4. Designation of responsible personnel and emergency contacts.
 - 5. Procedures for processing field decisions.
 - 6. Request for Proposal.
 - 7. Request for Information.
 - 8. Construction Change Directive, Immediate Change Directive, and Change Order.
 - 9. Procedures for processing Applications for Payment.
 - 10. Labor Compliance and Wage Determinations.
 - 11. Submittal and review of Shop Drawings, Product Data, material lists, and Samples.
 - 12. Preparation of project record documents.

- 13. Use of the Project site and/or premises, staging plan, trucking routes, haul routes, etc.
- 14. Parking availability.
- 15. Office, work, and storage areas.
- 16. Equipment deliveries and priorities.
- 17. Safety procedures.
- 18. Emergency response.
- 19. First Aid.
- 20. Security.
- 21. Housekeeping.
- 22. Working hours.
- 23. Environmental Health and Safety / Import.
- 24. Substantial Occupancy, Administrative Closeout and Contract Completion requirements and procedures.
- 25. Local Hire.
- D. District Representative shall prepare and issue meeting minutes to attendees and interested parties no later than three (3) calendar days after the meeting date.

3.02 PRE-INSTALLATION CONFERENCES

- A. Contractor shall coordinate and conduct pre-installation conferences at the Project site as required by related Sections of the Contract Documents.
- B. Contractor, manufacturers, and fabricators involved in or affected by the installation and its coordination or integration with other preceding and/or subsequent installations of Work shall attend the meeting. Contractor shall advise District Representative, Project Inspector, and Architect of scheduled meeting dates and provide an agenda 48 hours prior to meeting.
 - 1. Contractor shall review the progress of construction activities and preparations for the particular activity under consideration at each pre-installation conference, including requirements for the following:
 - a. Contract Documents.
 - b. Options.
 - c. Related Construction Change Directives and Change Orders.
 - d. Purchases.
 - e. Deliveries.
 - f. Shop Drawings, Product Data, and quality-control samples.
 - g. Review of mockups.
 - h. Possible conflicts.
 - i. Compatibility problems.
 - j. Time schedules and work sequence.
 - k. Weather limitations.
 - 1. Manufacturer's recommendations.
 - m. Warranty requirements.
 - n. Compatibility of materials.

- o. Acceptability of substrates.
- p. Temporary facilities.
- q. Space and access limitations.
- r. Governing regulations.
- s. Safety.
- t. Inspecting and testing requirements.
- u. Required performance results.
- v. Recording requirements.
- w. Protection.
- 2. Contractor shall record significant discussions and directives received from each conference. Contractor shall, within three (3) calendar days after the meeting date, distribute the minutes of the meeting to all concerned parties, including but not limited to, District Representative, Project Inspector, and Architect.

3.03 PROGRESS MEETINGS

- A. Progress meetings will be held at the Project site at regular intervals, typically bi-weekly, as determined by the District Representative.
- B. In addition to representatives of Contractor, District Representative, and Architect, each Subcontractor, supplier, or other entity concerned with current progress or involved in planning, coordination, or performance of the Work shall, if requested by District Representative, be represented at these meetings. All participants at the meeting shall be familiar with the Project and authorized to conclude all matters relating to the Work.
- C. Failure of Contractor to be so represented at any progress meeting which is held at a mutually agreed time or for which a written notice is given, shall not relieve Contractor from abiding by any and all District Representative determinations or directives issued at such meeting.
- D. District Representative will review and correct or approve minutes of the previous progress meeting and will review other significant items affecting progress. Topics for discussion as appropriate to the status of the Project include but are not limited to:
 - 1. Safety.
 - 3. Interface requirements.
 - 4. Construction Schedule.
 - 5. Sequence and coordination.
 - 6. Status of submittals / RFIs.
 - Deliveries.
 - 8. Access.
 - 9. Site utilization.
 - 10. Hours of work.
 - 11. Hazards and risks.
 - 12. Housekeeping.
 - 13. Quality of materials, fabrication, and execution.
 - 14. Unforeseen conditions.
 - 15. Testing and Inspection.

- 16. Defective Work.
- 17. Construction Change Directive.
- 18. Request for Proposal.
- 19. Change Order Proposals and Change Orders.
- 20. Documentation of information for payment requests.
- 21. Application for Payment.
- 22. Other items as required or as brought forth.
- 23. Initial Notice of Start of Issue.
- 24. Final Notice of End of Issue.
- E. No later than three (3) calendar days after each progress meeting, District Representative will prepare and distribute minutes of the meeting to each present and absent party. Include a brief summary, in narrative form, of progress, decisions, directives, actions taken, and all other issues since the previous meeting and report.
 - 1. Schedule Updating: Contractor shall revise the Construction Schedule after each progress meeting where revisions to the schedule have been made or recognized, and issue the revised schedule at the next scheduled progress meeting.

3.04 ADDITIONAL MEETINGS

A. District Representative, upon giving notice to the intended parties and without further obligation, may require additional meetings to discuss Work and/or Project related activities.

END OF SECTION 01 31 19

SECTION 01 32 13 CONSTRUCTION SCHEDULE

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Construction Schedule procedures, preparation, submittal, updates, and revisions.

1.02 RELATED REQUIREMENTS

- General Conditions.
- B. Section 01 11 00: Summary of Work.
- C. Section 01 12 16: Phasing of the Work.
- D. Section 01 29 73: Schedule of Values Procedures.
- E. Section 01 29 76: Progress Payment Procedures.
- F. Section 01 31 13: Project Coordination.
- G. Section 01 33 00: Submittal Procedures.
- H. Section 01 45 23: Testing and Inspection.
- I. Section 01 78 36: Warranty Procedures.

1.03 PROCEDURES

- A. Within ten (10) calendar days after date of Notice to Proceed, Contractor shall submit to District Representative for review, a detailed Construction Schedule ("Preliminary Baseline Schedule") setting forth all requirements for complete execution of the Work.
- B. Within seven (7) calendar days after receipt of the District Representative's review comments, submit a final Construction Schedule acceptable to District Representative ("Approved Baseline Schedule").
- C. Include a written summary narrative sufficiently comprehensive to explain basis of Contractor's approach to work.
- D. If a Construction Schedule is considered by District Representative to not be in compliance with any requirement of the Contract, Contractor will be notified to review and revise the Construction Schedule and bring it into compliance. Failure of Contractor to submit a Construction Schedule in full compliance with the Contract Documents will result in withholding of progress payment in accordance with the General Conditions or Construction Services Agreement. The Construction Schedule is to be used in evaluating progress for payment approval.
- E. Subsequently with each Progress Payment Request, Contractor shall deliver to District Representative an updated Construction Schedule reflecting Work progress to the end of the Progress Payment Request period. Each such Construction Schedule shall indicate actual progress to date in execution of the Work, together with a projected schedule for completion of all the Work.

1.04 SCHEDULE SUBMITTAL PREPARATION GUIDELINES

- A. The Contract Work shall be scheduled and progress monitored using a Critical Path Method (CPM) network type scheduling system. Schedule shall be broken into sub-activities which shall, as a minimum, include major suppliers, all submittal approvals, all major trades, plumbing, mechanical, electrical, security, fire, and elevators and escalators. Scheduling system shall indicate all inter-relationships between trades and suppliers.
- B. Contractor shall utilize the Critical Path Method (CPM) in the development and maintenance of the construction schedule network.

- C. Construction Schedule shall represent a practical plan to complete the Work within the Contract time requirement.
 - 1. A schedule extending beyond Contract time or less than Contract time will not be acceptable.
 - A schedule found unacceptable by District Representative shall be revised by Contractor and resubmitted.
- D. Construction schedule shall clearly indicate sequence of construction activities, grouped by applicable phase and sorted by areas, buildings, or facilities within phase, and shall specifically indicate:
 - 1. Start and completion of all Work items, their major components, and interim milestone completion dates, as determined by Contractor and District Representative.
 - 2. Activities for procurement, delivery, installation of equipment, materials, and other supplies, including:
 - a. Time for submittals, resubmittals, and reviews. Include decision dates for selection of finishes.
 - b. Time for manufactured products for the Work fabrication and delivery.
 - c. Interdependence of procurement and construction activities.
 - d. As applicable, dates for testing, balancing equipment, and final inspection.
- E. Schedule shall be in sufficient detail to assure adequate planning and execution of the Work.
 - 1. Each task activity shall range in duration from a 1 workday minimum to a fifteen (15) workday maximum and shall be total of actual days required for completion. The activity duration shall include consideration of weather impact on completion of that activity.
 - 2. Schedule shall be suitable, in judgment of District Representative, to allow monitoring and evaluation of progress in performance of the Work; it shall be calendar time-scaled.
 - 3. Activities shall include:
 - a. Description; what is to be accomplished and where.
 - b. Workday duration.
 - c. Scheduled activities shall indicate continuous flow, from left to right.
 - 4. Contractor shall setup up the schedule calendar to identify workdays per week and shifts per day worked, non-work days, weekends and holidays.
- F. Failure to include any element of Work required for performance of this Contract shall not excuse Contractor from completing Work required to comply with the Contract Documents, notwithstanding acceptance of Construction Schedule.
- G. Submittal of Construction Schedule shall be understood to be Contractor's confirmation that the schedule meets requirements of the Contract Documents, and that the Work will be executed in sequence indicated in schedule.

1.05 REVIEWS, UPDATES, AND REVISIONS

- A. District Representative will review and return the initial submittal of Contractor's Construction Schedule, with summary comments. If revisions are required, Contractor shall resubmit Schedule within seven (7) calendar days following receipt of District Representative's comments.
- B. After Contractor and District Representative agree to a base line schedule, it will become the Project Construction Schedule. No changes to the Baseline Schedule will be allowed unless accepted by District Representative.
- C. Contractor shall analyze and update the Project Construction Schedule:
 - 1. As part of monthly payment application, Contractor shall submit to and participate with District Representative in a schedule review to include:

- a. Actual start dates for Work items started during report period.
- b. The percent complete on activities that have actual start dates.
- c. Actual completion dates for Work items completed during report period.
- d. Estimated remaining duration for Work items in progress, which will not exceed original duration for activity.
- e. Estimated start dates for Work items scheduled to start during month following report period, if applicable.
- f. Changes in duration of Work items.
- 2. In case of a change to Contractor's planned sequence of Work, Contractor shall include a narrative report with updated progress schedule which shall include, but not be limited to, a description of problem areas, current and anticipated delaying factors, and any proposed revisions for a recovery plan.
- 3. Change Orders affecting the scheduled completion date shall be clearly identified as separate and new activities integrated into the schedule at the appropriate time and in the appropriate sequence as reviewed and approved by District Representative.
- 4. The Project Construction Schedule Review will not relieve Contractor of responsibility for accomplishing all Work in accordance with the Contract Documents.
- D. Updates: Contractor shall submit to District Representative, with each payment application, an up-to-date Project Construction Schedule. Contractor submission of the Monthly Updated Project Construction Schedule is a condition precedent to District Representative's approval of Progress Payments. The Update Project Construction Schedule shall include the following:
 - 1. Work Item Report: Detailing Work items and dependencies as indicated on the Schedule.
 - 2. Actual Start and End Dates of Activities under construction
 - 3. Separate listing of activities completed during reporting period.
 - 4. Separate listing of activities which are currently in progress, indicating their remaining duration and percentages completed.
 - 5. Separate listing of activities which are causing delay in Work progress.
 - 6. Narrative report to define problem areas, anticipated delays, and impact on the Project Construction Schedule. Contractor shall report corrective action taken, or proposed, and its effect, including effect of changes on schedules of separate contractors.
 - 7. Resolution of conflict between actual Work progress and schedule logic: when out-of-sequence activities develop in the Schedule because of actual construction progress, Contractor shall submit a revised schedule to conform to current job sequence and direction.
- E. If, according to current updated Project Construction Schedule, District Representative determines Contractor is behind schedule or any interim milestone completion dates will not be met, considering all time extensions to which Contractor is entitled, Contractor shall submit a revised recovery schedule, showing a workable plan and a narrative description to complete the project on time. Refer to General Conditions.
- F. Scheduling of change or extra Work orders is responsibility of Contractor.
 - 1. Contractor shall revise the Project Construction Schedule to incorporate all activities involved in completing change orders or extra Work orders and submit it to District Representative for review.
- G. If District Representative finds Contractor is entitled to extension of any completion date, under provisions of the Contract, District Representative's determination of total number of days of extension will be based upon an analysis of the current Project Construction Schedule, and upon data relevant to the extension.

- H. Contractor acknowledges and agrees that delays to non-critical activities will not be considered a basis for a time extension unless activities become critical. Non-critical activities are those activities which, when delayed, do not affect an interim or Substantial Completion date.
- I. Contractor shall allow Float time for inclement weather, Government Delay, and Project Float in the Baseline Schedule in accordance with the General Conditions. The Inclement Weather Float and the Government Delay Float shall each be identified as a Critical Activity in the Baseline Schedule. No other activities may be concurrent with them. When rainfall at the Project site impacts Critical Path activities, Contractor may provide District Representative with a written request for a rain impact day describing the inclement weather delay on the Critical path activities. The inclement weather delay must be clearly indicated by a seventy-five percent (75%) decrease in the normal field labor workforce hours on Critical Path activities on the day in question as indicated by Contractor's Daily reports from the day in question and the scheduled Work days prior to the day in question. Upon District Representative's independent confirmation of the amount of rainfall and impact, District Representative will authorize Contractor to reduce the duration of the Rain Day Impact Allowance by one day. Rainfall on non-scheduled workdays shall not be granted as rain impact days. If the effects of rain from a non-scheduled Work day carry forward to a scheduled work day and impacts the Critical Path as noted above, then the scheduled work day will be considered impacted by rain.

1.06 CONTRACTOR'S RESPONSIBILITY

- A. Nothing in these requirements shall be deemed to be an usurpation of Contractor's authority and responsibility to plan and schedule Work as Contractor sees fit, subject to all other requirements of Contract Documents.
- B. Contractor shall provide at all times sufficient competent labor, materials, and equipment to properly carry on Work and to insure completion of each part in accordance with Construction Schedule and within time allowed in the Contract.
- C. Contractor shall be responsible for ensuring that all submittals to the District Representative are accurate and consistent. Damage, including extra time and cost, caused by inaccuracies from Contractor will be compensated by Contractor.

1.07 SUSPENSION OF PAYMENTS

- A. Initial Submittal: If Contractor fails to comply with the specified requirements, District Representative reserves the right to engage an independent scheduling consultant to fulfill these requirements. Upon additional notice to Contractor, District Representative shall retain against Contractor all incurred costs for additional services.
- B. Update Submittals: District Representative has the right to withhold progress payments if Contractor fails to update and submit the Project Construction Schedule and reports as required by District Representative.

1.08 RECORD COPY

A. Prior to the Contract Completion, Contractor shall submit the Project Construction Schedule showing the as-built sequence. The as-built schedule shall have all activities with actual start and end dates.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

END OF SECTION 01 32 13

SECTION 01 32 29 PROJECT FORMS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. The following, but not limited to, District administrative forms and documents listed in this Section to be utilized in the administration of the Work.
- B. Electronic versions of these forms are available if requested from the District Representative.
- C. From time to time, Owner may release new revisions and new Project Forms. At any time during the Project, if requested by District Representative, Contractor shall use the newly released Project Form(s).

1.02 RELATED DOCUMENTS

- A. Procurement and Contract Provisions (PARTS 1 and 2).
- B. Division 01.

PART 2 – PRODUCTS (Not applicable)

PART 3 - EXECUTION

- 3.01 FORMS: Contractor to utilize the following District standard forms (refer to Appendix A for a copy of the forms listed below)
 - A. Application for Payment / Schedule of Values
 - B. Change Order
 - C. Conditional Waiver and Release Final Payment
 - D. Conditional Waiver and Release Progress Payment
 - E. Immediate Change Directive
 - F. Unconditional Waiver and Release Final Payment
 - G. Unconditional Waiver and Release Progress Payment
 - H. Construction Waste Management Plan
 - I. Construction Waste Management Progress Report
 - J. Certificate of Substantial Completion
 - K. Warranty Guarantee Form
 - L. RFI Form

3.02 PROCEDURES

- A. <u>Application for Payment/Schedule of Values</u>: This form is used in requesting a progress payment and to establish the basis of the certified application for payment.
- B. <u>Change Order</u>: This form is used to adjust the Contract Amount, Milestones and/or the Contract Time.
- C. <u>Conditional Waiver and Release</u>: Use this form when the claimant is required to execute a waiver and release in exchange for or in order to induce the payment of a progress payment and the claimant has not been paid.
- D. [RESERVED]
- E. Immediate Change Directive: This form is used to issue an Immediate Change Directive.

- F. <u>Unconditional Waiver and Release</u>: Use this form when the claimant is required to execute a waiver and release in exchange for or in order to induce payment of a progress payment and the claimant asserts in the waiver that he or she has in fact been paid the progress payment.
- G. [RESERVED]
- H. <u>Construction Waste Management Plan</u>: This form is used to provide a Waste Management Plan, submitted in accordance with Specification Section 01 74 19 and prior to any waste removal.
- I. <u>Construction Waste Management Progress Report</u>: This form is used to provide a Waste Management Monthly Progress Report, summarizing waste generated by Project and submitted monthly with Application for Payment.
- J. [RESERVED]
- K. [RESERVED]
- L. <u>Core Employee List: This form is to be completed by All Prime Contractors/Consultants, Subcontractor/Sub-consultants intending to employ core workers. Complete this list and then forward to the District's Labor Compliance Consultant.</u>
- M. Monthly Employee Utilization Form: This form is to be completed monthly and then to be forwarded to the District's Labor Compliance Consultant.
- N. <u>Modified Certified Payroll Form: This form is to be completed monthly and then to be forwarded to the District's Labor Compliance Consultant in addition to the electronic Certified Payroll.</u>
- O. <u>Checklist of Labor Law Requirements: This is to be completed by all Contractors, acknowledging and understanding the Federal and State Labor Law.</u>
- P. [RESERVED]
- Q. <u>Certificate of Substantial Completion: This form is to be completed and signed by all parties once project has been determined to be substantially complete.</u>
- R. Warranty Guarantee Form: This form shall be filled out and signed by Contractor and Subcontractors prior to completion of closeout activities.
- S. [RESERVED]
- T. <u>Substitution Request Form: This form shall be provided for any substitution requests after award as further described in Specification Sections 01 60 00, 01 62 11, and the Procurement and Contract Provisions (General Conditions).</u>

END OF SECTION 01 32 29

SECTION 01 33 00 SUBMITTAL PROCEDURES

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Administrative and procedural requirements for submittals required for the Work, including but not limited to; Shop Drawings, Product Data, Samples, material lists, and quality control items as required by the Contract Documents.
- B. Wherever possible, throughout the Contract Documents, the minimum acceptable quality of workmanship and products has been defined by the name and catalog number of a manufacturer and by reference of recognized industry standards.
- C. To ensure that specified products are furnished and installed in accordance with the design intent, Facility Design Standards and procedures have been established for submittal of design data and for its review by District Representative, Architect, and/or others.

1.02 RELATED SECTIONS

- A. General Conditions.
- B. Section 01 12 16: Phasing of the Work.
- C. Section 01 29 73: Schedule of Values Procedures.
- D. Section 01 29 76: Progress Payment Procedures.
- E. Section 01 31 13: Project Coordination.
- F. Section 01 32 13: Construction Schedule.
- G. Section 01 45 23: Testing and Inspection.
- H. Division 2 through Division 32.

PART 2 – PRODUCTS (Not applicable)

PART 3 – EXECUTION

3.01 GENERAL REQUIREMENTS AND PROCEDURES

- A. Contractor shall clearly identify any deviations from the Contract Documents on each submittal. Any deviation not so noted, even if stamped reviewed, is not acceptable.
- B. After Architect review, Architect shall transmit submittals to Contractor, District Representative, and Project Inspector. Contractor shall further distribute to Subcontractors and others as required. Work shall not commence, unless otherwise approved by District Representative, and/or Architect until approved submittals are transmitted to Contractor.
- C. Contractor's Review and Approval: Every submittal upon which proper execution of the Work is dependent shall bear the Contractor's review and approval stamp, dated and signed by Contractor. Certifying that Contractor (a) has reviewed, checked, and approved the submittal and has coordinated the submittal contents with requirements of Work and Contract Documents including related Work, (b) Contractor coordinated with all other shop drawings received to date and this duty of coordination has not been delegated to subcontractors, material suppliers, the Architect, or the engineers on this project, (c) determined and verified quantities, field measurements, construction criteria, materials, equipment, catalog numbers and identifications, and similar data, or will do so, and (d) states the Work illustrated or described in the submittal is recommended by Contractor and the Contractor's warranty will fully apply thereto.
- D. Contractor shall coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities requiring sequential activity.
- E. Timing of Submittals:

- 1. Submittals shall not delay the construction schedule and shall be submitted in timely manner in accordance with General Conditions
- 2. In accordance with General Conditions, Contractor shall submit to the Architect, those Shop Drawings, Product Data, diagrams, materials lists, Samples and other submittals required by the Contract Documents.
- 3. The Contractor shall submit within ten (10) calendar days of the Notice to Proceed, an itemized listing of required submittals with a scheduled date for each submittal. The schedule of submittals shall provide adequate time between submittals in order to allow for proper review without negative impact to the Construction Schedule.
- 4. Schedule of submittals shall be related to Work progress, and shall be so organized as to allow sufficient time for transmitting, reviewing, corrections, resubmission, and re-reviewing.
- Contractor shall coordinate submittal of related items and Architect reserves the right to withhold
 action on a submittal requiring coordination with other submittals until all related submittals are
 received by Architect.
- 6. Contractor shall revise, update and submit submittal schedule to District Representative and Architect on the first of each month, or as required by the District Representative.
- 7. Contractor shall allow in the Construction Schedule, at least ten (10) calendar days for Architect review following Architect receipt of submittal. For mechanical, plumbing, electrical, structural, and other submittals requiring joint review with Architect's Consultants, and/or others, Contractor shall allow a minimum of fourteen (14) calendar days following Architect receipt of submittal. Submittals will be reviewed with reasonable promptness, but Architect reserves the right of additional time where required based on but limited to submittal size, complexity, etc.
- 8. No adjustments to the Contract Time and/or Milestones will be authorized because of a failure to transmit submittals to Architect sufficiently in advance of the Work to permit review and processing.
- 9. In case of product substitution, Shop Drawing preparation shall not commence until such time Architect and District Representative reviews said submittal relative to the General Conditions.
- G. If required, resubmit submittals in a timely manner. Resubmit as specified for initial submittal but identify as such. Review times for re-submitted items shall be as per the time frames for initial submittal review.
- H. Architect, or authorized agent, will stamp each submittal with a uniform, action stamp. Architect, or authorized agent, will mark the stamp appropriately to indicate the action taken, as follows:
 - 1. Final Unrestricted Release: When Architect, or authorized agent, marks a submittal "Reviewed" the Work covered by the submittal may proceed provided it complies with requirements of the Contract Documents. Final payment depends on that compliance.
 - 2. Final-But-Restricted Release: When Architect, or authorized agent, marks a submittal "Reviewed as Noted" the Work covered by the submittal may proceed provided it complies with notations or corrections on the submittal and requirements of the Contract Documents. Final payment depends on that compliance.
 - 3. Returned for Re-submittal: When Architect, or authorized agent, marks a submittal "Rejected, Revise and Resubmit" do not proceed with Work covered by the submittal, including purchasing, fabrication, delivery, or other activity. Revise or prepare a new submittal according to the notations; resubmit without delay. Repeat as necessary to obtain different action mark. In case of multiple submittals covering same items of Work, Contractor is responsible for any time delays, schedule disruptions, out of sequence Work, or additional costs due to multiple submissions of the same submittal item. Do not use, or allow others to use, submittals marked "Rejected, Revise and Resubmit" at the Project site or elsewhere where Work is in progress.
 - 4. Other Action: Where a submittal is for information or record purposes or special processing or other activity, the Architect, or authorized agent, will return the submittal marked "Action Not Required".

- I. Review of Submittals by the Architect: Submittals will be reviewed but only for conformance with the design concept of the Project and with the information indicated on the Drawings and stated in the Specifications. Review of a separate item as such will not indicate approval of the assembly in which the item functions. Review of submittals shall not relieve the Contractor of responsibility for any deviations from requirements of the Contract Documents or any revisions in resubmittals unless Contractor has given written notice of such deviation or revision at the time of submission or resubmission and written approval has been given to the specific deviation or revision, nor shall approval relieve the Contractor of responsibility for error or omissions in the submittals or for the accuracy of dimensions and quantities, the adequacy of connections, and the proper and acceptable fitting, execution, functioning, and completion to the Work.
- J. All costs for the preparation, correction, delivery, and return of the submittals shall be borne by the Contractor.
- 3.02 SHOP DRAWINGS [RESERVED]
- 3.03 PRODUCT DATA [RESERVED]
- 3.04 SAMPLE [RESERVED]
- 3.05 DEFERRED SUBMITTAL REQUIREMENTS [RESERVED]

3.06 QUALITY CONTROL SUBMITTALS

- A. Submit quality control submittals, including design data, certifications, manufacturer's field reports, and other quality control submittals as required under other sections of the Contract Documents.
- B. When other sections of the Contract Documents require manufacturer's certification of a product, material, and/or installation complies with specified requirements, submit a notarized certification from the manufacturer certifying compliance with specified requirements.
- C. Certification shall be signed by an officer of the manufacturer or other individual authorized to sign documents on behalf of the represented company.
- Requirements for submittal of inspection and test reports are specified in other sections of the Contract Documents.

3.07 CERTIFICATES

A. Submit all certificates in triplicate to Project Inspector, in accordance with requirements of each Specification Section.

END OF SECTION 01 33 00

SECTION 01 45 23 TESTING AND INSPECTION

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Testing and inspection services to meet requirements of California Building Standards Code, Title 24, California Code of Regulations.

1.02 RELATED SECTIONS

- A. Division 0.
- B. Section 01 31 13: Project Coordination.
- C. Section 01 32 13: Construction Schedule.
- D. Section 01 33 00: Submittal Procedures.
- E. Section 01 73 29: Cutting and Patching.
- F. Section 01 78 36: Warranty Procedures.

1.03 COORDINATION OF TESTS AND INSPECTIONS

A. Contractor shall establish a protocol for requesting inspections and special inspections so as to not delay the progress of the work. Contractor shall review General Conditions for additional requirements.

1.04 TESTING COSTS {RESERVED}

1.07 CONTRACTOR-FURNISHED ASSISTANCE

A. When requested, Contractor shall furnish access, facilities, and labor assistance as necessary for duties to be performed at the site by Test Laboratory, and Inspector, including ladders, hoisting, temporary lighting, water, and like services.

PART 2 – PRODUCTS (Not used)

PART 3 – EXECUTION

- 3.01 SCHEDULES FOR TESTING {RESERVED}
- 3.02 REQUESTING TESTING {RESERVED}
- 3.03 TESTS {RESERVED}
- 3.04 TEST REPORTS {RESERVED}
- 3.05 VERIFICATION OF TEST REPORTS {RESERVED}

3.06 INSPECTION BY DISTRICT REPRESENTATIVE

- A. District, and its representatives, shall have access, for purposes of inspection, at all times to all parts of the Work and to all shops wherein the Work is in preparation. Contractor shall, at all times, maintain proper facilities and provide safe access for such inspection.
- B. District Representative shall have the right to reject materials and/or workmanship deemed defective Work and to require correction. Defective workmanship shall be corrected in a satisfactory manner and defective

materials shall be removed from the premises and legally disposed of without charge to District Representative. If Contractor does not correct such defective Work within a reasonable time, fixed by written notice and in accordance with the terms and conditions of the Contract Documents, District Representative may correct such defective Work and proceed in accordance with related Articles of the Contract Documents.

C. Contractor is responsible for compliance to all applicable local, state, and federal regulations regarding codes, regulations, ordinances, restrictions, and requirements.

3.07 PROJECT INSPECTOR

- A. Inspection of Work shall not relieve Contractor from any obligation to fulfill all terms and conditions of the Contract Documents.
- B. Contractor shall be responsible for scheduling times of inspection, tests, sample taking, and similar activities of the Work.

END OF SECTION 01 45 23

SECTION 01 73 29 CUTTING AND PATCHING

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. This Section specifies procedural requirements for cutting and patching.

1.02 RELATED SECTIONS

- A. General Conditions.
- B. Section 01 29 73: Schedule of Values Procedures.
- C. Section 01 31 13: Project Coordination.
- D. Section 01 31 19: Project Meetings.
- E. Section 01 32 13: Construction Schedule.
- F. Section 01 33 00: Submittal Procedures.
- G. Section 01 78 36: Warranty Procedures.

1.03 SUBMITTALS

- A. The word "cutting" as used in the Contract Documents includes, but is not limited to, cutting, drilling, chopping, and other similar operations and the word "patching" includes, but is not limited to, patching, rebuilding, reinforcing, repairing, refurbishing, restoring, replacing, or other similar operations.
- B. Cutting and Patching Proposal: Contractor shall submit a work plan describing procedures well in advance of the time cutting and patching will be performed if the Contract Documents requires approval of these procedures before proceeding. Include the following information, as applicable, in the work plan:
 - 1. Describe the extent of cutting and patching required. Denote how it will be performed and indicate why it cannot be avoided.
 - 2. Describe anticipated results in terms of changes to existing construction. Include changes to structural elements and operating components as well as changes in the building's appearance or other significant visual elements.
 - 3. List products to be used and firms or entities that will perform this Work.
 - 4. Indicate dates when cutting and patching will be performed.
 - Utilities: List utilities that cutting and patching operations will disturb or affect. List utilities to be relocated and those that will be temporarily out-of-service. Indicate how long service will be disrupted.
 - 6. Where cutting and patching involves adding reinforcement to structural elements, submit details and engineering calculations showing integration of reinforcement with the original structure.
 - 7. Review by Architect prior to proceeding with cutting and patching does not waive Architect right to later require complete removal and replacement of defective Work.

1.04 QUALITY ASSURANCE

- A. Requirements for structural Work: Do not cut and patch structural elements in a manner that would change their load-carrying capacity or load-deflection ratio.
- B. Operational Limitations: Do not cut and patch operating elements or related components in a manner that would result in reducing their capacity to perform as intended. Do not cut and patch operating elements or related components in a manner that would result in increased maintenance or decreased operational life or safety.

C. Visual Requirements: Do not cut and patch construction exposed on the exterior or in occupied spaces in a manner that would, in the opinion of Architect, reduce the building's aesthetic qualities. Do not cut and patch construction in a manner that would result in visual evidence of cutting and patching. Remove and replace Work cut and patched in a visually unsatisfactory manner.

1.05 WARRANTY

A. Existing Warranties: Replace, patch, and repair material and surfaces cut or damaged by methods and with materials in such a manner as not to void any warranties required or existing.

PART 2 – PRODUCTS (Not applicable)

PART 3 – EXECUTION

3.01 INSPECTION

- A. Examine surfaces to be cut and patched and conditions under which cutting and patching is to be performed before cutting. If unsafe or unsatisfactory conditions are encountered, take corrective action before proceeding.
 - 1. Before proceeding, meet at the Project site with parties involved in cutting and patching, including mechanical and electrical trades. Review areas of potential interference and conflict. Coordinate procedures and resolve potential conflicts before proceeding.

3.02 PREPARATION

- A. Temporary support: Provide adequate temporary support of existing improvements or Work to be cut.
- B. Protection: Protect existing improvements and Work during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of existing improvements or Work that might be exposed during cutting and patching operations.
- C. Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.
- D. Where the Work requires sandblasting of existing surfaces in order to receive new materials secured by cementitious, adhesive or chemical bond, completely remove existing finishes, stains, oil, grease, bitumen, mastic and adhesives or other substances deleterious to the new bonding or fastening of new Work. Utilize wet sand blasting for interior surfaces and for exterior surfaces where necessary to prevent objectionable production of dust.

3.03 PERFORMANCE

- A. General: Employ skilled workmen to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time and complete without delay. Carefully remove existing Work to be salvaged and/or reinstalled. Protect and store for reuse into the Work. Verify compatibility and suitability of existing substrates before starting the Work.
- B. Cutting: Cut existing construction using methods least likely to damage elements retained or adjoining Work. Where possible, review proposed procedures with the original installer; comply with the original installer's recommendations.
 - 1. In general, where cutting, use hand or small power tools designed for sawing or grinding, not hammering and chopping. Cut holes and slots as small as possible, neatly to size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
 - 2. To avoid marring existing finished surfaces, cut or drill from the exposed or finished side into concealed surfaces.
 - 3. Cut through concrete and masonry using a cutting machine, such as a carborundum saw or a diamond-core drill. Saw cut reinforcing bars and paint ends per approved submittal except where bonded into new concrete or masonry.
 - 4. Comply with requirements of applicable Sections of Divisions 31, 32, and 33 where cutting and patching requires excavating, backfill, and recompaction.
 - 5. Woodwork: Cut and or remove to a panel or joint line.

- 6. Sheet Metal: Remove back to joint, lap, or connection. Secure loose or unfastened ends or edges and seal watertight.
- 7. Glass: Remove cracked, broken, or damaged glass and clean rebates and stops of setting materials.
- 8. Plaster: Cut back to sound plaster on straight lines, and back bevel edges of remaining plaster. Trim existing lath and prepare for new lath.
- 9. Gypsum: Cut back on straight lines to undamaged surfaces with at least two opposite cut edges centered on supports.
- 10. Acoustical ceilings: Remove hanger wires and related appurtenances where ceilings are not scheduled to be installed.
- 11. Tile: Cut back to sound tile and backing on joint lines.
- 12. Flooring: Completely remove flooring and clean backing of prior adhesive. Carefully remove wood flooring for patching and repairing of existing wood flooring scheduled to remain.
- 13. Curb, gutters, and flat work: Saw cut joint to nearest joint.
- C. Patching: Patch with durable seams that are as invisible as possible. Comply with required tolerances.
 - 1. Where feasible, inspect and test patched areas to demonstrate integrity of the installation. Verify conditions of existing substrates prior to executing Work.
 - 2. Restore exposed finishes of patched areas and extend finish restoration into retaining adjoining construction in a manner that will eliminate all evidence of patching and refinishing.
 - 3. Non-Structural Concrete Flatwork: Finish placed concrete to match existing unless noted otherwise. Concrete shall have a compressive strength of 2,500 psi where installed to repair and match existing improvements, unless noted otherwise.
 - 4. Metal Fabrications: Items to remain exposed shall have their edges cut and ground smooth and rounded.
 - 5. Sheet Metal: Replace removed or damaged sheet metal items for new Work.
 - 6. Glass: Install matching glass and re-seal exterior window assemblies.
 - 7. Lath and Plaster: Install new lath materials to match existing and fasten to supports at 6-inch centers. Provide a 6-inch lap where new lath adjoins existing lath. Fasten new lath as required for new Work. Restore paper backings as required. Apply a bonding agent on cut edges of existing plaster. Apply three coat plaster of the type, thickness, finish, texture, and color to match existing.
 - 8. Gypsum: Fasten cut edges of wallboard. Install patches with at least two opposite edges centered on supports and secure at 6-inch centers. Tape and finish joints and fastener heads. Patching shall be non-apparent when painted or finished.
 - 9. Acoustical Ceilings: Comply with the requirements for new Work specified in related sections of the Contract Documents.
 - 10. Resilient Flooring: Completely remove flooring and prepare substrate for new material.
 - 11. Painting: Prepare areas to be patched, patch and paint as specified under related sections of the Contract Documents.

3.04 CLEANING

A. Clean areas and spaces where cutting and patching are performed. Completely remove paint, mortar, oils, putty, and similar items. Thoroughly clean piping, conduit, and similar features before applying paint or other finishing materials. Restore damaged coverings to their original condition.

SECTION 01 74 19 CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes: Preparation and implementation, including reporting and documentation, of a Waste Management Plan for reusing, recycling, salvage or disposal of non-hazardous waste materials generated during demolition and new construction (Construction and Demolition (C&D) Waste), to foster material recovery and re-use and to minimize disposal in landfills.

1.02 RELATED SECTIONS

- General Conditions.
- B. Section 01 32 29: Project Forms.
- C. Section 01 33 00: Submittal Procedures.

1.03 REFERENCES

- A. California Integrated Waste Management Act (IWMA) of 1989 (AB 939).
- B. California Code of Regulations Title 14, Section 18700 et seq.
- C. California Green Building Standards Code, Part 11 of Title 24.

1.04 SYSTEM DESCRIPTION

A. Collection and separation of all C&D waste materials generated on-site, reuse or recycling on-site, transportation to approved recyclers or reuse organizations, or transportation to legally designated landfills, for the purpose of recycling salvaging and reusing a minimum of 75% of the C&D waste generated.

1.05 SUBMITTALS

- A. Per Section 01 32 29, Contractor to provide a C&D Waste Management Plan within ten (10) calendar days after the Notice to Proceed and prior to any waste removal. Submit the following to the District Representative for review and approval:
 - 1. Materials to be recycled, reused, or salvaged, either onsite or offsite.
 - 2. Estimates of C&D waste quantity (in tons) by type of material. (If waste is measured by volume, give factors for conversion to weight in tons.)
 - 3. Procedures for recycling and reuse program.
 - 4. Permit or license and location of Project waste-disposal areas.
 - 5. Site plan for placement of waste containers.
- B. Per Section 01 32 29, Contractor to provide a C&D Waste Management Monthly Progress Report, summarizing waste generated by Project and submitted monthly with Application for Payment. Include:
 - 1. Firm(s) accepting the recovered or waste materials.
 - 2. Type and location of accepting facilities (landfill, recovery facility, used materials yard, etcetera). If materials are reused or recycled on the Project site, location should be designated as "on-site reuse and recycling".
 - 3. Type of materials and net weight (tons) of each.
 - 4. Value of the materials or disposal fee paid.
 - Attach weigh bills and other documentation confirming amount and disposal location of waste materials.

C. C&D Waste Management Final Compliance Report: Final update of Waste Management Plan to provide summary of total waste generated by Project.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION

3.01 IMPLEMENTATION

- A. Implement approved Waste Management Plan including collecting, segregating, storing, transporting and documenting each type of waste material generated, recycled or reused, or disposed in landfills.
- B. Designate an on-site person to be responsible for instructing workers and overseeing the sorting and recording of waste/recyclable materials.
- C. Include waste management and recycling in worker orientation and as an agenda item for regular Project meetings.
- D. Recyclable and waste bin areas shall be limited to areas approved on the Waste Management Plan. Keep recycling and waste bins neat and clearly marked to avoid contamination of materials.

END OF SECTION 01 74 19

SECTION 01 77 00 CONTRACT CLOSEOUT

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. This Section includes administrative and procedural requirements for Contract Closeout, including but not limited to, the following:
 - 1. Inspection procedures.
 - 2. Project record documents submittal.
 - 3. Operation and maintenance manual submittal.
 - 4. Owner orientation and instruction.
 - 5. Final cleaning.

1.02 RELATED SECTIONS

- A. Section 01 29 76: Progress Payment Procedures.
- B. Section 01 32 13: Construction Schedule.
- C. Section 01 32 29: Project Forms.
- D. Section 01 33 00: Submittal Procedures.
- E. Section 01 74 19: Construction Demolition and Waste Management.
- F. Section 01 78 36: Warranties.

1.03 REQUIREMENTS FOR PREPARATORY FINAL INSPECTION

- A. All contract work completed.
- B. Remove temporary facilities from the Project site.
- C. Thoroughly clean the Buildings and Project site.
- D. All mechanical equipment shall operate quietly and free from vibrations. Properly adjust, repair, balance, or replace equipment producing objectionable noise or vibration in the occupied areas of the buildings. Provide additional brackets, bracing, or other methods to prevent objectionable noise or vibration. All systems shall operate without humming, surging, or rapid cycling.
- E. Properly mount all operation instructions for equipment and post as specified in their respective Sections.
- F. Job Record specifications and prints "as builts" shall be completed, signed, and submitted to the District Representative as specified in respective Specification Sections.
- G. Submit to the District Representative, the material and equipment maintenance instructions, as specified in the body of the Specification Sections.
- H. Submit to the District Representative, all warranties, guarantees, and bonds, as specified in the body of the Specification Sections.
- I. When requested, submit certificates indicating payment of all debts and Claims arising from the Work.
- J. Deliver all tools which are a permanent part of equipment installed in the Work to the District Representative.
- K. Deliver all keys, construction and permanent, properly identified, to the District Representative.
- L. Deliver all extra stock items, as directed by the District Representative, to a location within the District.
- M. Contractor determined the Work has been completed. All life safety items are completed and in working order.

- N. Electrical circuits scheduled in panels and disconnect switches labeled.
- O. Grounds cleared of Contractor's equipment, raked clean of debris, and trash removed from Site.
- P. Work cleaned, free of stains, scratches, marks, dirt, superfluous labels, and other foreign matter, replacement of damaged and broken material.
- Q. Finished and decorative work shall have marks, dirt and superfluous labels removed.
- R. Final cleanup complete.

PART 2 – PRODUCTS (Not used)

PART 3 – EXECUTION

3.01 SUBSTANTIAL COMPLETION

- A. Inspection Procedures: After all requirements preparatory to the final inspection have been completed, as herein specified in the Specification Sections, the Contractor will notify the District Representative, Architect, and Project Inspector to perform the final inspection.
 - 1. If after inspection of the Work, District Representative does not consider the Work complete, District Representative will notify Contractor.
 - 2. If after inspection, District Representative considers the Work complete, Architect shall prepare a Punch List of items to be corrected.
- B. Re-inspection Procedures: Project Inspector, District Representative, Contractor and Architect will inspect the Work upon notice the Work, including final inspection list items from earlier inspections, has been completed, except for items whose completion is delayed under circumstances acceptable to District Representative.
 - 1. Upon completion of inspection, District Representative will recommend Final Completion. If the Work is incomplete, District Representative will advise Contractor of Work that is incomplete or of obligations that have not been fulfilled but are required for Final Completion.
 - 2. If necessary, re-inspection will be repeated, but may be assessed against Contractor if Owner is subject to additional professional service and or additional costs of inspection.

3.02 PROJECT RECORD DOCUMENT SUBMITTAL

- A. General: Do not use project record documents for construction purposes. Protect record documents from deterioration and loss. Provide access to record documents for Architect, Project Inspector, and District Representative reference during normal working hours. Project record document shall be updated on a daily basis prior to work being concealed. Prior to submitting each application for payment, secure Project Inspector approval of project record documents.
- B. Record Drawings: Maintain a clean, undamaged set of prints of Drawings and Shop Drawings. Mark the set to show the actual installation where the installation varies from the Work as originally shown. Mark the Drawing that is most capable of showing conditions fully and accurately. Where Shop Drawings are used, record a cross-reference at the corresponding location on the Drawings. Provide detailed and accurate field dimensions for concealed elements that would be difficult to measure and record at a later date.
 - 1. Mark record sets with red erasable pencil. Use other colors to distinguish between variations in separate categories of the Work. Date and number entries in the same format as submitted. Call attention to entry by a "cloud" around the affected areas.
 - 2. Mark new information important to Owner but was not shown on Drawings or Shop Drawings.
 - 3. Utility mainlines and duct-banks within the building footprint shall be indicated by location and depth below finished grade. All utilities and above ceilings and attic spaces shall be fully

- dimensioned and indicated on record drawings. Dimensions shall be measured from building lines or permanent landmarks and shall be triangulated to those features.
- 4. Note related Change Order or Construction Directive numbers where applicable. RFI submissions shall be referenced on each affected sheet, Drawing and Shop Drawing.
- 5. Organize record drawing sheets into manageable sets. Bind sets with durable-paper cover sheets; print suitable titles, dates, and other identification on the cover of each set.
- 6. Prior to Contract Completion of the Work, review of the project record drawings by Architect; prepare a final set of project record drawings and submit to Architect.
- C. Record Specifications: Maintain one (1) complete copy of the Specifications, including Addenda. Include with the Specifications two copies of other written Contract Documents, such as Change Orders or Construction Directives issued during construction.
 - 1. Mark these record documents to show substantial variations in actual Work performed in comparison with the text of the Specifications and modifications.
 - 2. Give particular attention to substitutions and selection of options and information on concealed Work that cannot otherwise be readily discerned later by direct observation.
 - 3. Note related record document information with Product Data.
 - 4. Prior to Contract Completion of the Work, submit record Specifications to Architect for Owner records.
- D. Record Samples: Immediately prior to Substantial Completion, Contractor shall meet with Architect and District Representative at the Project site to determine which Samples are to be transmitted to Owner for record purposes. Comply with District Representative instructions regarding delivery to Owner storage area.
- E. Miscellaneous Records: Refer to other Specification sections for requirements of miscellaneous record keeping and submittals in connection with actual performance of the Work. Prior to the date of Contract Completion, complete and compile miscellaneous records and place in good order. Identify miscellaneous records properly and bind or file, ready for continued use and reference. Submit to Architect for Owner records.
- F. Maintenance Manuals: Shall be submitted and approved by the Architect prior to commissioning and startup of the corresponding system/product. Organize operation and maintenance data into suitable three (3) sets of manageable size. Bind properly, indexed data in individual, heavy-duty, three-inch 3-ring, vinyl-covered binders, with pocket folders for folded sheet information. Mark appropriate identification on front and spine of each binder. Provide a table of contents in front and all items shall be indexed with tabs. Each manual shall also contain a list of subcontractors, with their scope of work, addresses, phone numbers, email, and the names of persons to contact in cases of emergency. Identifying labels shall provide names of manufactures, their addresses, ratings, and capacities of equipment and machinery. Submit to Architect for Owner records. Include the following types of information.
 - 1. Table of Contents (in each binder)
 - 2. Emergency instructions.
 - 3. Spare parts list.
 - 4. Copies of warranties.
 - 5. Wiring diagrams.
 - 6. Recommended "turn-around" cycles.
 - 7. Inspection procedures.
 - 8. Shop Drawings and Product Data.
 - 9. Fixture lamping schedule.
 - 10. Note which items also have video training.

G. Provide one (1) electronic version of all documents listed above on one (1) flash drive to the District Representative.

3.03 OPERATION AND MAINTENANCE:

- A. Operation and Maintenance Instructions: Prior to Substantial Completion, arrange for each installer of equipment that requires regular operation and maintenance to meet with designated Owner personnel to provide instruction in proper operation and maintenance. Provide instruction by manufacturer's representatives if installers are not experienced in operation and maintenance procedures. Include a detailed review of the following items:
 - 1. Maintenance manuals.
 - 2. Spare parts and materials.
 - 3. Tools.
 - 4. Lubricants.
 - 5. Fuels.
 - 6. Identification systems.
 - 7. Control sequences.
 - 8. Hazards.
 - 9. Cleaning.
 - 10. Warranties and bonds.
 - 11. Maintenance agreements and similar continuing commitments.
- B. As part of instruction for operating equipment, demonstrate the following procedures:
 - 1. Start-up.
 - 2. Shutdown.
 - 3. Emergency operations.
 - 4. Noise and vibration adjustments.
 - 5. Safety procedures.
 - 6. Economy and efficiency adjustments.
 - 7. Effective energy utilization.
- C. Notice of Termination: Contractor shall submit a Notice of Termination (NOT) to the District for District issuance to the local Regional Water Quality Control Board (RWQCB). Provide a copy of NOT to District Representative.

3.04 FINAL CLEANING

- A. General: The Contractor shall be solely responsible for all cleaning operations during the Project.
- B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to the condition expected in a normal, commercial building cleaning and maintenance program. Comply with manufacturer's instructions.
 - 1. Complete the following cleaning operations before requesting inspection for a certificate of Substantial Completion.
 - a. Remove labels that are not permanent labels.
 - b. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other substances that are noticeable vision-obscuring materials. Replace chipped or broken glass and other damaged transparent materials.

- c. Clean exposed exterior and interior hard-surfaced finished to a dust-free condition, free of stains, films, and similar foreign substances. Restore reflective surfaces to their original condition. Leave concrete floors broom clean. Vacuum carpeted surfaces.
- d. Wipe surfaces of mechanical and electrical equipment. Remove excess lubrication and other substances. Clean plumbing fixtures to a sanitary condition. Clean light fixtures and lamps.
- e. Clean the Project site, including landscape development areas, of rubbish, litter, and other foreign substances. Sweep paved areas broom clean; remove stains, spills, and other foreign deposits. Rake grounds that are neither paved nor planted to a smooth, even-textured surface.
- f. Complete the final filter change replacing all HVAC filters.

END OF SECTION 01 77 00

SECTION 01 78 36 WARRANTY PROCEDURES

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. This Section includes procedural requirements for warranties, including manufacturers and installer's standard warranties on products and special product warranties.

1.02 RELATED SECTIONS

- General Conditions.
- B. Section 01 32 29: Project Forms
- C. Section 01 73 29: Cutting and Patching.
- D. Division 2 through Division 32.

1.03 SUBMITTALS

- A. Form of Submittal: In accordance with the General Conditions, compile two (2) copies of each required final warranty properly executed by Contractor, or by Contractor and Subcontractor, installer, supplier, or manufacturer. Organize the warranty documents into an orderly sequence based on the Specifications and provide a table of contents.
- B. Bind warranties and bonds in heavy-duty, commercial-quality, durable three ring, vinyl-covered loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive 8½ by 11 paper.
 - 1. Provide heavy paper dividers with celluloid covered tabs for each separate warranty. Mark the tab to identify the item or installation. Provide a typed description of the product or installation, including the name of the product, and the name, address, and telephone number of the installer.
 - 2. Identify each binder on the front and spine with the typed or printed title "WARRANTIES," Project title and/or name, and name of Contractor.
 - 3. When warranted Work requires operation and maintenance manuals, provide additional copies of each required warranty, as necessary, for inclusion in each required manual.
- C. Provide one (1) electronic version of all documents listed above on one (1) flash drive to the District Representative.
- D. Provide a Warranty Guarantee Form on the District's form provided in Section 01 32 29 as part of the Closeout documentation.

PART 2 – PRODUCTS (Not applicable)

PART 3 – EXECUTION (Not applicable)

END OF SECTION 01 78 36



09 50 00 Acoustical Panel Ceilings



Part 1 - General

- A. Related Sections
 - 1. 07 92 00: Joint Sealants
 - 2. 09 22 16: Metal Framing
- B. Extra Stock
 - 1. Provide no less than 5 percent of the number of tiles required for the Work.
- C. Reference: Related DSA IR, Metal Suspension Systems for Lay-In Panel Ceilings.
- D. Pre-Installation Meeting
 - 1. Schedule a pre-installation meeting with Architect, Owner's Representative, and General Contractor in attendance.

E. Submittals

- 1. Product data: Submit manufacturer product data.
- 2. Samples: Submit samples of each color
- 3. Shop Drawings: Provide layout coordinated with electrical and mechanical.

F. Warranty

- 1. Require unconditional 2-year installation warranty in addition to the manufacturer warranty.
- 2. Require a site review with the designated District representative prior to expiration of warranty as a condition to end installation warranty period.
- 3. Require manufacturer's warranties against visible sag and mold, mildew, and bacterial growth on panels.

Part 2 - Products

- A. Manufacturer:
 - Armstrong World Industries, Inc.: http://www.armstrong.com/commceilingsna/
 - 2. United States Gypsum: http://www.usg.com/ceilings/acoustical-suspension-systems.html
 - 3. CertainTeed: http://www.certainteed.com/ceilings
 - 4. Or District Approved Equal
- B. Ceiling Tile

FACILITY DESIGN STANDARDS



- 1. Standard: Two-foot by four-foot, 5/8 inch minimum, lay-in, acoustical mineral fiber ceiling panels. NRC Range 0.70, STC Range 30 to 34, white, fissured finish (recycled content product).
 - a. Armstrong: School Zone Fine Fissured square lay-in.
 - b. USG: Radar, ClimaPlus, Education High-NRC/High-CAC
 - c. CertainTeed: Performa Fine Fissured High-NRC
- 2. Kitchens and food service areas: Two-foot by four-foot, 5/8 inch minimum, lay-in acoustical tile with washable white vinyl facing.
 - a. Armstrong: Clean Room VL
 - b. USG: Sheetrock Brand Lay-in Ceiling Panel ClimaPlus, Vinyl

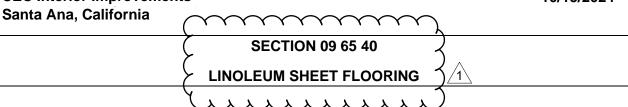
C. Grid System

- 1. Exposed Tee System, heavy-duty, 24 inch by 48 inch grid, flat white, baked enamel finish.
 - a. Armstrong: Prelude XL 15/16 inch Exposed Tee
 - b. USG: Donn DX HD 15/16 inch Exposed Tee

Part 3 - Execution

A. No specific requirements.

Rancho Santiago Community College District Facility Design Standards May 2, 2022



PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes: Provide linoleum sheet flooring with accessories as required for complete installation.

1.2 SUBMITTALS

- A. Product Data: Furnish manufacturer's product literature.
- B. Samples: Submit each color and pattern selected of each type of flooring and exposed accessory.

1.3 QUALITY ASSURANCE

A. Sustainability Requirements: Comply with *CAL*Green requirements including those relative to finish material pollution control for adhesives and resilient flooring.

1.4 SITE CONDITIONS

- A. Ensure floor surfaces are smooth and flat with maximum variation of 1/8" in 10'-0".
- B. Ensure concrete floors are dry and exhibit negative alkalinity, carbonizing and dusting.
- C. Maintain minimum 70-degree F air temperature at flooring installation area for 3 days prior to, during, and for 24 hours after installation.

PART 2 - PRODUCTS

2.1 SYSTEMS MANUFACTURERS

- A. Forbo Industries, Inc./Marmoleum.
- B. Armstrong Commercial Flooring/Linoleum.
- C. Tarkett/Linosom Linoleum.
- D. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. System Description: Provide linoleum sheet flooring and accessories.
- B. Regulatory Requirements, Flammability: Provide materials tested under ASTM E648, Flooring Radiant Panel Test, with results of 0.45 watts/sq cm or higher.
- C. Regulatory Requirements, Slip-Resistance:

- 1. Slip-Resistant Hard Surfaces: Hard surface finishes to comply with requirements of authorities having jurisdiction for slip-resistant hard surfaces, including general code requirements and requirements for access for persons with disabilities.
- D. Linoleum Sheet Flooring: Marbleized linoleum consisting of oxidized linseed oil and natural resins mixed with wood or corkflour, limestone and pigments, conforming to ASTM F2034.
 - 1. Physical Characteristics:
 - a. Width: Nominal 6'-6" (200 cm).
 - b. Thickness (Gage): Nominal 1/8" (0.15" or 3.2 mm).
 - c. Backing: Jute.
 - 2. Colors: Where color is not indicated on Drawings or Finish Schedule, provide custom color as directed by Architect.
- E. Coved Base: Flooring installation should include integral coved 6" continuous watertight protection wall base with Schluter clear anodized cap metal trim.
- F. Edge Strips: Homogeneous vinyl, rubber, or linoleum, tapered or bullnose edge.
 - 1. Colors: Where color is not indicated on Drawings or Finish Schedule, provide custom color as directed by Architect.
- G. Subfloor Filler: White premixed latex-cement paste designed for providing thin solid surface for leveling and minor ramping of subsurface to adjacent floor finishes.
 - 1. Use material capable of being applied and feathered out to adjacent floor without spalling.
- H. Primers and Adhesives: Waterproof; nontoxic types recommended by flooring manufacturer for specified material and application.
- I. Sealer and Wax: Type recommended by flooring manufacturer for material type and location.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Conform to ASTM F710 and manufacturer's recommendations for preparation.
- B. Remove subfloor ridges and bumps; fill low spots, cracks, joints, holes and defects with subfloor filler.
- C. Clean floor and apply, trowel and float filler to leave smooth, flat hard surface; prohibit traffic until filler is cured.
- D. Test substrate for moisture content in accordance with flooring manufacturer recommendations; where moisture content exceeds recommendations take measures recommended by flooring manufacturer.

3.2 INSTALLATION

- A. Install linoleum sheet flooring in accordance with manufacturers' recommendations and installation instructions for type of flooring and substrates indicated.
- B. Spread cement evenly in quantity recommended by manufacturer to ensure adhesion over entire area of installation.
 - 1. Spread only enough adhesive to permit installation of flooring before initial set.
- C. Set flooring in place using methods to ensure full adhesion.
- D. Lay flooring with minimum seams, with pattern parallel to building lines to produce symmetrical pattern.
- E. Terminate resilient flooring at centerline of door openings where adjacent floor finish is dissimilar.
- F. Install edge strips at unprotected or exposed edges where flooring terminates.
- G. Scribe flooring to walls, columns, floor outlets and other appurtenances, to produce tight joints.

3.3 CLEANING

- A. Remove excess adhesive from floor, base and wall surfaces without causing damage.
- B. Clean, seal and wax floor surfaces in accordance with manufacturer's recommendations.
- C. Prohibit traffic from floor for 48 hours after installation.

END OF SECTION

SECTION 09 68 13 CARPET TILE

PART 1 – GENERAL

1.01 SUMMARY

- A. Drawings
- B. Specifications

1.02 SUBMITTALS

- A. Shop Drawing showing columns, doorways, enclosing walls or partitions, built-in cabinets, and locations where cutouts are required as well as direction of carpet pile and pattern, location of edge moldings and edge bindings shall be submitted to the Architect for approval prior to installation.
- B. Floor schedule using same room designations indicated on drawings.
- C. Product Data: Provide data on specified products, describing physical and performance characteristics, sizes, patterns, colors available, and method of installation.
- D. Verification Samples: Submit samples illustrating color and pattern for each carpet material specified.
- E. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.
- F. Maintenance Data: Include maintenance procedures, recommendations for maintenance materials and equipment, and suggested schedule for cleaning.
- G. Manufacturer's Product Warranty.
- H. Verification of reclamation and recycling process.
- I. Certifications: Manufacturer to submit copies of the following independent laboratory reports showing compliance with requirements per these methods outlined in Part 2 of this document. Submitted results shall represent average results for production goods of the specified style.
 - 1. ASTM E-648 Flooring Radiant Panel
 - 2. ASTM E-662: Smoke Density
 - 3. AATCC 134: Electrostatic Propensity
 - 4. CRI TM-102: Fluorine Analysis
 - 5. ASTM D-3936: Delamination
 - 6. Other from methods specified in Part 2

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications

- 1. Company specializing in manufacturing specified carpet with minimum 15 years documented experience.
- Upon request, manufacturer to provide representative to assist in project start-up and to inspect installation
 while in process and upon completion. Representative will notify designated contact if any installation
 instructions are not followed.
- 3. Single Source Responsibility: Obtain each type of product from one source and by a single manufacturer.

B. Installer Qualifications

1. Flooring contractor must be certified by the manufacturer prior to bid.

- 2. Flooring contractor to be a specialty contractor normally engaged in this type of work and shall have prior experience in the installation of these types of materials.
- 3. Certify payment of Prevailing Wage Rates to the installers.
- 4. Flooring contractor possessing Contract for the product installation shall not sub-contract the labor without written approval of the Project Manager.
- 5. Flooring contractor will be responsible for proper product installation, including floor testing and preparation as specified by the manufacturer and JOB CONDITIONS herein.
- 7. Flooring contractor to provide Owner a written 10-year installation warranty that guarantees the completed installation to be free from defects in materials and workmanship for a period of one year after job completion.

1.04 DELIVERY, STORAGE, & HANDLING

- A. Deliver materials to the site in manufacturer's original packaging listing manufacturer's name, product name, identification number, and related information.
- B. Store in a dry location, between 65 degrees F and 90 degrees F and a relative humidity below 65%. Protect from damage and soiling. Store in pallet form as supplied by Manufacturer. Do not stack pallets.
- C. Make stored materials available for inspection by the Owner's representative.
- D. Store materials in area of installation for minimum period of 48 hours prior to installation.

1.05 PROJECT CONDITIONS

- A. Sub-floor preparation is to include all required work to prepare the existing floor for installation of the product as specified in this document and Manufacturer's installation instructions.
- B. Please see Ethos Modular Installation & Floor Preparation Instructions for specific requirements for moisture vapor emission rate, ambient conditions, and other requirements.
- C. All material used in sub-floor preparation and repair shall be recommended by the carpet manufacturer and shall be chemically and physically compatible with the carpet system being bid.
- D. Maintain minimum 65 degrees F ambient temperature and 65% Relative Humidity for 72 hours prior to, during, and 48 hours after installation.
- E. Do not install carpet until space is enclosed and weatherproof, wet-work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

1.06 EXTRA MATERIALS

A. Provide additional 5% of each product for "attic stock."

1.08 SUBSTITUTES

- A. Subject to compliance with all requirements, "or equal" shall match the selected color(s) and have similar aesthetic appearance and recyclability.
- B. Substitution sample and submittals shall be submitted for written approval of quality and color at least ten days prior to bid to be considered.
- C. Sample of proposed substitute shall be inclusive of both the face and proposed cushion (color-only sample not acceptable).

1.07 WARRANTY

- A. Warranty to be sole source responsibility of the Manufacturer. Second source warranties and warranties that involve parties other than the carpet manufacturer are unacceptable.
- B. If the product fails to perform as warranted when properly installed and maintained, the affected area will be repaired or replaced at the discretion of the Manufacturer.
- C. Chair pads are not required, but are recommended for optimum textural performance. Absent the use of chair pads, more intensive maintenance will be required for areas in direct contact with chair caster traffic, and some degree of appearance change is to be expected.
- D. Warranty shall not exclude carpet product installed on stairs provided it is properly installed and maintained.
- E. The non-prorated Lifetime Limited warranty shall specifically warrant against:
 - 1. Excessive Surface Wear: More than 15% loss of pile fiber weight
 - 2. Excessive Static Electricity: More than 3.0 kV per AATCC 134
 - 3. Resiliency Loss of the Backing: More than 10% loss of backing resiliency
 - 4. Delamination
 - 5. Edge Ravel
 - 6. Zippering
- F. Tuft Bind warranty in lieu of edge ravel and zippering is not acceptable.

PART 2 - PRODUCTS

2.01 CARPET TILE

- A. Product/Manufacture: Tandus Centiva ethos Modular with Omnicoat Technology or District approved equal.
- B. TARKETT Tandus Centiva, Carpet Tile, Style Number 03026 Aftermath Color number 23509 Flannel
- C. Construction: District ethos Modular
- D. Gauge: 5/64, 1/13, or 1/2
- E. Stitch Rate: 12.0 pile units / inch
- F. Tuft Density: 153.6 tufts/sq inch
- G. Pile Height Average: .187 inch
- H. Pile Thickness: .098 inch
- I. Density Factor (UM44D):
- J. Fiber System: Antron Lumena BCF Nylon with Static Control & Ensure
- K. Dye Method: Solution Dyed
- L. R-Value: 0.51 Minimum Hr-ft2-°F/Btu
- M. Static Coefficient of Friction: ASTM C-1028; Passes ADA requirements.
- N. Static Propensity: AATCC 134: 3.0 kv or less
- O. Flooring Radiant Panel: ASTM E-648 or NFPA 253: Class 1
- P. Acoustic Requirements: Noise Reduction Coefficient (NRC): 0.15 Minimum
- Q. Secondary Backing Density: 65 Min. lbs/cu ft +/- 5%
- R. Secondary Backing Recycled Content: 50%
- S. Total Weight: 98.2 oz/sq yd +/- 5%

- T. Third Party Certification: NSF 140 Platinum rating
- U. Total Product Recycled Content (based on Total Weight): 35.2%
- V. Total Product Post Consumer Content (based on Total Weight): 35.2%
- W. Environmental Impact: No pesticides added to product (US EPA Registered Antimicrobials)

2.02 PERMANENT ENTRY FLOORING (WALK-OFF MATTS)

A. Product/Manufacturer: Tandus Centiva Geo Tile or District approved equal

1. Size: 18" x 18" tile

2. Fiber type: 100% solutions dyed

3. Yarn type: 100% Premium Polypropylene

4. Construction: Molded Reinforced Needlepunch Textile

5. Pile heights average: 0.250 inch (ASTM D-418, Sec. 12)

6. Texture/Pattern: Rubber Reinforced Geometric Pattern

7. Surface Flammability: Passes CPSC FF 1-70

8. Flooring Radiant Panel: Class 2 (mean ave. CRF: 0.22 w/sq cm to 0.44 w/sq cm (ASTM E-648)

2.03 RECYCLED CONTENT

- A. Product must contain a minimum of 26% recycled content by weight. This percentage is calculated by dividing the weight of recycled content in one square yard of finished product by the total weight of one square yard of finished product, and multiplying by 100. [(Recycle Content Weight) / (Total Product Weight) x 100].
- B. Product must contain 26% post-consumer recycled content by weight from recycled post consumer carpet. This ensures that carpet is diverted from landfills for the production of the product and that virgin resource use in the product is reduced.
- C. Recycled content must be certified by a neutral, independent, third party organization such as Scientific Certification Systems. Product must carry product label certifying overall recycled content (including post-industrial and post-consumer content). Report percentage of post-industrial and post-consumer recycled content as a percentage of total product weight.
- D. Product must be available inclusive of 50% recycled content secondary backing.
 - 1. Recycled content and post-consumer content must not be subject to availability. Post industrial and post consumer recycled content of product installed must be the same as those required by Project requirements.
 - 2. Also, Recycled content must be expressed as an exact percentage or a range. Statements such as "up to 60%" recycled content are not acceptable.
 - 3. Manufacturer must fully comply with Federal Trade Commission's Part 260 "Guides for the Use of Environmental Marketing Claims," with respect to advertising, labeling, product inserts, catalogs and sales presentations of all its flooring products submitted and sold.

2.04 PRODUCT RECYCLABILITY

- A. Product must meet FTC guides for recyclability and must be one hundred percent (100%) closed-loop recyclable back into flooring. A manufacturer cannot claim that a product or <u>any portion of a product</u> is recyclable if it is incinerated even if incineration is used to produce heat and power (i.e. waste-to-energy) per FTC guides 16 CFR section 260.7 (d) example 3.
- B. Recyclability of product installed must be the same as those required by Project requirements.

2.05 RECYCLING PROGRAM

- A. Manufacturer must have a collection and recovery system for product and a fully established, currently operational recycling program at time of bid per FTC guides Section 260.7 (d).
 - 1. Manufacturer must be able to reclaim and recycle 100% of installed carpet. Like material as installed must be 100% recycled.
 - 2. Manufacturer must have written guarantee that 100% of the recovered vinyl backed carpet will be recycled and that no portion of the product will be landfilled or incinerated (including waste-to-energy).

2.06 NSF 140-2007 CERTIFICATION

A. Product must be certified at the Platinum level to ANSI standard **NSF 140**, the Sustainable Carpet Assessment Standard (SCAS). Product certification must be conducted by an independent, third party organization such as Scientific Certification Systems. Provide documentation.

2.07 FIBER

- A. Nylon Fiber: Bulked Continuous Filament (BCF) Nylon in a loop pile construction: Antron fiber.
- B. For yarn containing recycled content, report post consumer and post industrial recycled content of the pile face yarn based on total yarn weight i.e. [(Recycle Content in Pile Face Yarn) / (Total Weight of Pile Face Yarn) x 100]
- C. Fiber to contain carbon-core filament for permanent static control. Topical treatments are not allowed.
- D. Durable stain inhibitor should be applied to the fiber during product manufacturing to resist fiber staining and soiling.

Minimum 200 ppm (CRI TM-102)

2.08 BACKING CHARACTERISTICS

- A. Primary Backing: Synthetic Non-Woven.
- B. Secondary Backing: ethos Modular
 - 1. Density (ASTM D-1667): 65 Min. lbs/cu ft +/- 5%
 - 2. Standard Size: 24" x 24"
 - 3. Recycled Content: 50% Recycled Content Secondary Backing
 - 4. Fiberglass Reinforced
 - 5. Face yarn fully fused to secondary backing system that will not delaminate.
 - 6. Delamination: No delamination per ASTM D3936
 - 7. Product must not contain pesticides (US EPA Registered Antimicrobials). Installation adhesives are exempt from this section.

2.09 PERFORMANCE CHARACTERISTICS

- A. Test reports for the following performance assurance testing to be submitted upon request. Submitted results shall represent average results for production goods of the referenced style.
- B. Requirements listed below must be met by all products.
 - 1. Flooring Radiant Panel: ASTM E-648 / NFPA 253: Class 1 (CRF: 0.45 watts/sq cm or greater)
 - 2. Federal Flammability: CPSC FF 1-70: Passes
 - 3. Smoke Density: ASTM E-662 / NFPA 258: < 450 Flaming Mode
 - 4. Electrostatic Propensity: AATCC 134 (Step & Scuff): 3.0 kV or less
 - 5. Static Coefficient of Friction: ASTM C-1028: Passes ADA Requirements for Accessible Routes (minimum

0.60)

- 6. Delamination of Secondary Backing of Pile Floor Coverings: ASTM D-3936: No Delamination
- 7. Lightfastness: AATCC 16E: \geq 4 @ 100 hours if solution dyed
- 8. TARR: Severe Traffic: 3.5 minimum
- 9. Dimensional Stability: Aachen / ISO 2551: Maximum Change +/- 0.149%
- 10. Moisture Barrier: Moisture Penetration by Impact @ 10 psi: No Penetration of backing after 10,000 impacts

2.10 ACCESSORIES

- A. Materials recommended by Manufacturer for patching, leveling, priming, etc.
- B. Base, Carpet Edge, and Transition Strips: As specified in applicable sections.

PART 3 - EXECUTION

3.01 EXAMINATION / PREPARATION

- A. Prepare sub-floor to comply with criteria established in Manufacturer's installation instructions. Use only preparation materials that are acceptable to the Manufacturer.
 - 1. Remove all deleterious substances from substrate(s) that would interfere with or be harmful to the installation.
 - 2. Remove sub-floor ridges and bumps. Fill cracks, joints, holes, and other defects.
- B. Verify that sub-floor is smooth and flat within specified tolerances and ready to receive carpet.
- C. Verify that substrate surface is dust-free and free of substances that would impair bonding of product to the floor.
- D. Verify that concrete surfaces are ready for installation by conducting moisture and pH testing. Results must be within limits recommended by Manufacturer.
- E. There will be no exceptions to the provisions stated in the Manufacturer's installation instructions.

3.02 INSTALLATION - GENERAL

- A. Install product in accordance with Manufacturer's installation instructions.
- B. Product must meet the requirements of CRI's Green Label Plus (GLP) program for carpet. Provide documentation.
- C. Adhesive must meet the requirements of CRI's Green Label Plus program for adhesive. Provide documentation.
- D. Adhesives must be below the VOC content limits specified by the South Coast Air Quality Management District Rule #1168. Provide documentation.
- E. No US EPA registered pesticides (antimicrobials) are to be added to the product. Antimicrobial treatments are registered with the EPA as preservatives of the products only, and no health benefit should be claimed or expected. If antimicrobials are added, then third party documentation with a seal is required stating that the pesticides used will cause NO HARM to the occupants. Installation adhesives are exempt from this section.
- F. Product as installed to be securely attached to the floor in compliance with Americans with Disabilities Act (ADA), Section 4.5.3.
- G. Where demountable partitions or other items are indicated for installation on top of finished carpet tile floor, install carpet tile before installation of these items.
- H. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings.
- I. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.

- J. Roll with appropriate roller for complete contact of product with adhesive to sub-floor.
- K. Trim carpet neatly at walls and around interruptions.
- L. Completed product is to be smooth and free of bubbles, puckers, and other defects.

3.03 INSTALLATION OF PERMANENT ENTRY FLOORING

- A. Installation Method Carpet
 - 1. The Geotile material shall be cut net/net to carpet material and a permanent reducer shall be used at the threshold point.
- B. Installation Method Hard Surface
 - 1. The Geotile material shall be cut with the leading edge adhered to sub-flooring with a waterproof adhesive.
 - 2. Permanent reducer shall be used at leading edge of Geotile in compliance with ADA Guidelines.
 - 3. Permanent reducer shall be installed at threshold point.

3.04 PROTECTION & CLEANING

- A. Remove excess adhesive and/or other from floor and wall surfaces without damage.
- B. All rubbish, wrappings, debris, trimmings, etc. to be removed from site and disposed of properly.
- C. Clean and vacuum surfaces using a beater brush/bar commercial vacuum.
- D. After each area is installed, protect from soiling and damage by other trades.

SECTION 09 90 00 PAINTING

PART 1 - GENERAL

A. Submittals

- 1. Product data: Submit manufacturer product data.
- 2. Samples: Submit paint brush-outs for all colors and sheens proposed for use on project.
- 3. Closeout: Submit final schedule of colors with formulas for each paint color and sheen at project closeout.

B. Warranty

- 1. Require unconditional 2-year installation warranty in addition to the manufacturer warranty.
- 2. Require a site review with the designated District representative prior to expiration of warranty as a condition to end installation warranty period.
- 3. Require manufacturer's standard warranties.

C. Extra Stock

1. One gallon of each color used, clearly marked with manufacturer label and mix design.

PART 2 - PRODUCTS

A. Manufacturer

- 1. Dunn Edwards http://www.dunnedwards.com/
- 2. Frazee
- 3. Vista
- 4. Or District Approved Equal
- B. Good flow and brushing properties capable of drying or curing free of streaks or sags.
- C. Accessory Materials: All other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.

D. Finishes:

- 1. Refer to drawings for finish schedule.
- 2. Product numbers listed are as manufactured by Dunn Edwards unless indicated otherwise (equivalent products of other manufacturers listed hereinbefore are also acceptable).

- E. Schedule Exterior Surfaces Descriptions in schedule apply to new and previously painted surfaces. Number of coats listed is a minimum, additional coat may be required to provide suitable uniform finish.
 - 1. Ferrous Metal (Semi-Gloss Enamel) Completely re-prime all shop primed items in field

```
1^{st} coat – Dunn-Edwards Bloc-Rust Primer BRPR00-1 Series 2^{nd} and 3^{rd} coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

2. Metal Deck (underside) and Supporting Structural Steel Members

```
1<sup>st</sup> coat – Dunn-Edwards Bloc-Rust Primer BRPR00-1 Series 2<sup>nd</sup> and 3<sup>rd</sup> coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

3. Galvanized Metal Railings (Gloss Urethane Enamel)

```
1<sup>st</sup> coat – Metal Clean and Etch SCME-01
2<sup>nd</sup> coat – Dunn-Edwards Ultragrip Multisurface Primer UGPR00
3<sup>rd</sup> and 4<sup>th</sup> coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

4. Galvanized Metal Non-Railings (Misc. Galvanized metals, underside of metal decking, flashings, etc.) (Semi-Gloss Enamel)

```
1<sup>st</sup> coat – Metal Clean and Etch SCME-01
2<sup>nd</sup> coat – Dunn-Edwards Ultragrip Multisurface Primer UGPR00
3<sup>rd</sup> and 4<sup>th</sup> coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

5. Cement Plaster and Exposed Concrete (Semi-Gloss below 48" and Flat above)

```
1<sup>st</sup> coat – Dunn-Edwards Eff-Stop Select ESSL00
2<sup>nd</sup> and 3<sup>rd</sup> – Dunn-Edwards Evershield Flat EVSH10
```

6. Wood (Flat)

```
1<sup>st</sup> coat – Dunn-Edwards E-Z Prime Premium EZPR00
2<sup>nd</sup> and 3<sup>rd</sup> coats – Dunn-Edwards Evershield Flat EVSH10
```

7. Wood (Semi-gloss)

```
1<sup>st</sup> coat – Dunn-Edwards E-Z Prime Premium EZPR00
2<sup>nd</sup> and 3<sup>rd</sup> coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

8. New Concrete Block (Semi-Gloss below 48" and Flat above)

```
1<sup>st</sup> coat – Dunn-Edwards Blocfil Select SBSL00
2<sup>nd</sup> and 3<sup>rd</sup> coats – Dunn-Edwards Evershield Flat EVSH10
```

9. Existing Concrete Block (Semi-Gloss below 48" and Flat above)

```
1^{st} coat - Dunn-Edwards Eff-Stop Select ESSL00 2^{nd} and 3^{rd} coats - Dunn-Edwards Evershield Flat EVSH10
```

10. Aluminum In-Fill Panels:

```
1<sup>st</sup> coat – Factory Prime coat (Touch up if abraded)
2<sup>nd</sup> and 3<sup>rd</sup> coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss
```

11. Cementitious Siding (Semi-Gloss below 48" and Flat above):

```
1^{st} coat – Dunn-Edwards Eff-Stop Select ESSL00 2^{nd} and 3^{rd} coats – Dunn-Edwards Evershield Flat EVSH10
```

- F. Schedule Interior Surfaces Descriptions in schedule apply to new and previously painted surfaces. Number of coats listed is a minimum, additional coat may be required to provide suitable uniform finish.
 - 1. New Gypsum Board (Semi-Gloss at Walls, Gloss at Kitchen and Restroom Ceilings, and Flat at other Ceilings, Enamel)

```
1st coat – Dunn-Edwards Vinylastic Select VNSL00
```

2nd and 3rd coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss (for walls) Dunn-Edwards Evershield EVSH60 (for gloss ceilings) Dunn-Edwards Spartawall Flat SWLL10 (for flat ceilings)

2. Existing Gypsum Board (Semi-Gloss at Walls, Gloss at Kitchen and Restroom Ceilings, and Flat at Ceilings, Enamel)

1st coat – Dunn-Edwards Interkote Premium IKPR00 or B-I-N Primer-Sealer Stain-Killer if necessary.

2nd and 3rd coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss (for walls) Dunn-Edwards Evershield EVSH60 (for gloss ceilings) Dunn-Edwards Spartawall Flat SWLL10 (for flat ceilings)

3. New or Existing Painted Wood (Semi-Gloss Enamel)

1st coat – Dunn-Edwards Interkote Premium IKPR00 or B-I-N Primer-Sealer Stain-Killer if necessary.

2nd and 3rd coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss

4. New Wood to Receive Transparent Finish (Stain and Lacquer)

 1^{st} coat – Dunn Edwards Valpro Sanding Sealer NAS 2750 2^{nd} and 3^{rd} coats – Dunn Edwards Valpro Satin Lacquer NAF 2752

5. Existing Stained Wood (Varnish Finish)

 1^{st} coat – Minwax Stain 2^{nd} and 3^{rd} coats – Defthane Polyurethane Satin Varnish

6. Existing Stained Wood (Lacquer Finish)

 1^{st} coat – Stain to provide uniform finish, match existing tone Valspar Zenith Stain 2^{nd} and 3^{rd} coats – Dunn Edwards Valpro Satin Lacquer NAF 2752

7. Ferrous Metal (Semi-Gloss Enamel) – Re-prime all shop primed items in field.

1st coat – Dunn-Edwards BLOC-Rust Premium BRPR00-1 series 2nd and 3rd coats – Dunn-Edwards Evershield EVSH50 Semi-Gloss (Typical paint system at all hollow metal doors and frames)

8. Cement Plaster and Exposed Concrete (Semi-Gloss at Walls, Gloss at Kitchen and Restroom Ceilings, and Flat at Ceilings, Enamel)

 1^{st} coat – Dunn-Edwards Ultra Grip Premium UGPR00 series or B-I-N Primer-Sealer Stain-Killer if necessary

2nd and 3rd coats- Dunn-Edwards Evershield EVSH50 Semi-Gloss (for walls) Dunn-Edwards Evershield EVSH60 (for gloss ceilings) Dunn-Edwards Spartawall Flat SWLL10 (for flat ceilings)

9. Galvanized and Zinc Alloy Metal, (Semi-Gloss Enamel).

 $\begin{array}{l} 1^{st}\ coat-Metal\ Clean\ and\ Etch\ SCME-01\\ 2^{nd}\ coat-Dunn-Edwards\ Ultra\ Grip\ Premium\ UGPR00\ series\\ 3^{rd}\ and\ 4^{th}\ coats-Dunn-Edwards\ Evershield\ EVSH50\ Semi-Gloss \end{array}$

10. Concrete Block (Semi-Gloss)

 1^{st} coat - Dunn-Edwards Blocfil Select SBSL00 2^{nd} and 3^{rd} coats - Dunn-Edwards Evershield EVSH50 Semi-Gloss

PART 3 - EXECUTION

- A. Do not paint over existing transparent finishes. Existing transparent finishes shall be refinished to match existing. Specify finish compatible with existing.
- B. All existing surfaces to be repaired and prepared prior to painting.

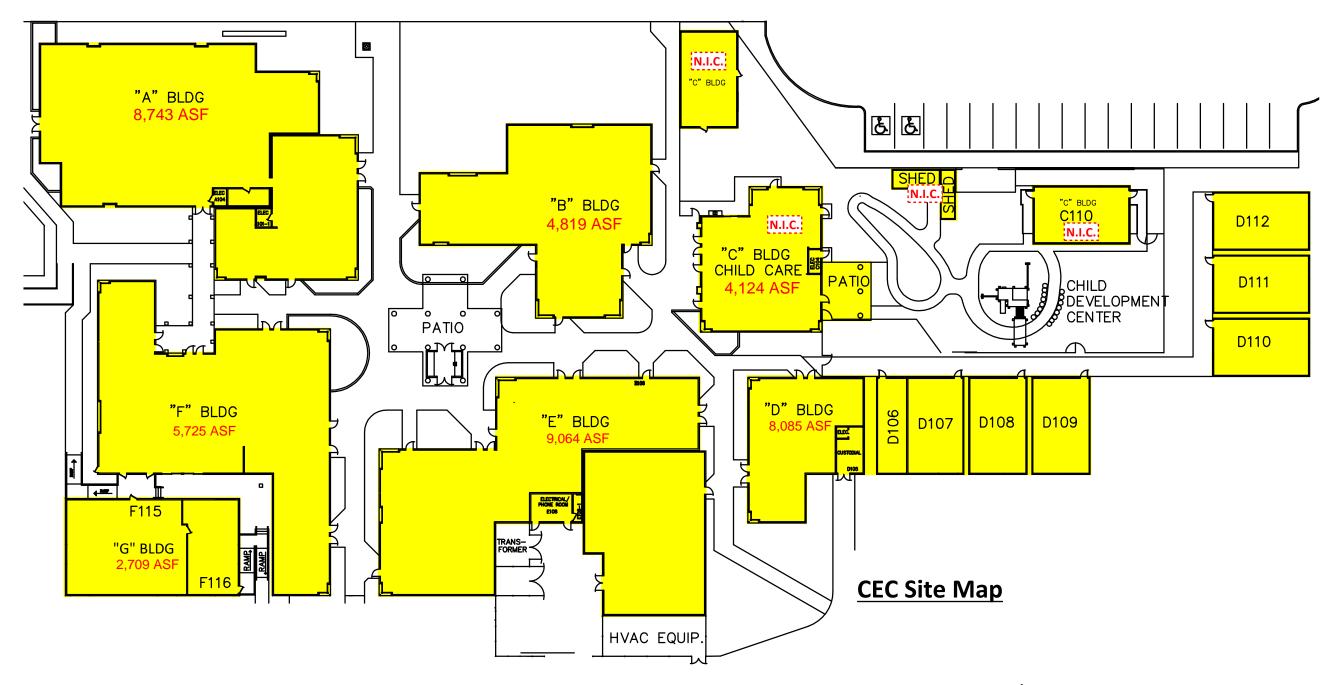
- C. Three coat system over existing paint or new primed finishes to consist of one prime coat and two finish coats.
- D. All shop-primed items are to be fully re-primed in the field.
- E. Color-tint sealers and undercoats within general color range of finish color. Vary color of successive coats sufficiently to distinguish between coats.
- F. Protect planting adjacent to buildings.
- G. Acid wash all galvanized materials. Etch and prime prior to finish painting and rinse thoroughly.
- H. Interior surface preparation of existing walls to include TSP cleaning, sanding and patching of all interior surfaces.
- I. Interior Surfaces
 - Wood to be semi-gloss painted, or stained, polyurethane clear finish, for decorative wood doors and casework.
 - 2. Doors and frames to be one color, gloss enamel paint.

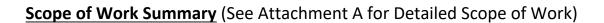
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APPENDIX A-RSCCD PROJECT FORMS

- 1. Application for Payment / Schedule of Values
- 2. Change Order
- 3. Immediate Change Directive
- 4. Conditional Waiver and Release Final Payment
- 5. Conditional Waiver and Release Progress Payment
- 6. Unconditional Waiver and Release Final Payment
- 7. Unconditional Waiver and Release Progress Payment
- 8. Construction Waste Management Plan
- 9. Construction Waste Management Progress Report
- 10. Substantial Completion Form
- 11. Request for Information (RFI)
- 12. Allowance Disbursement Form (To be Prepared by the District)
- 13. Contractor Payment Checklist
- 14. Warranty Guarantee Form
- 15. Local Hires Close-out Form
- 16. DVBE Close-out Form

Attachment C - Drawing(s)/Plan(s)





Interior Work

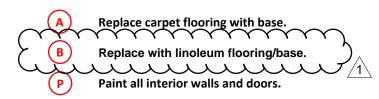
- 1. Paint interior walls of buildings. (Faded Gray DEW382 Semi-Gloss)
- 2. Replace carpet and base. (Tarkett 03026 Aftermath 23509 Flannel
- 3. Replace carpeting with linoleum flooring and base where noted (Forbo Marmoleum #3421 Oyster Mountain)

 $\frac{1}{2}$

4. Replace all damaged acoustic ceiling tiles. Assume 10 tiles per room. (see specifications)

5. Clean and paint all HVAC vents at ceilings

<u>Legends</u>

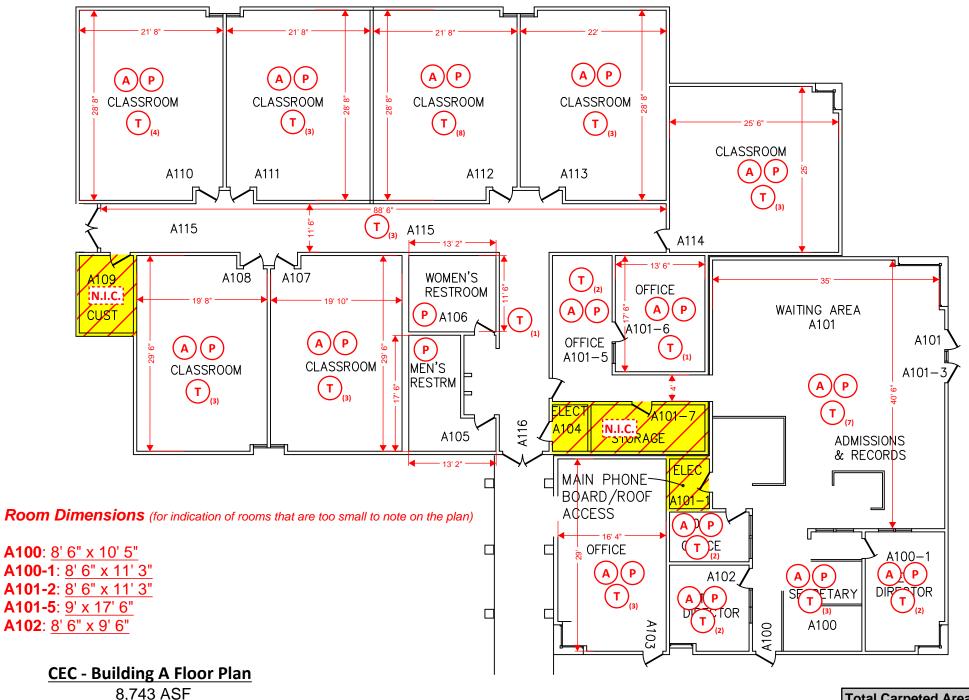




Replace ceiling tiles and paint air grilles (#).

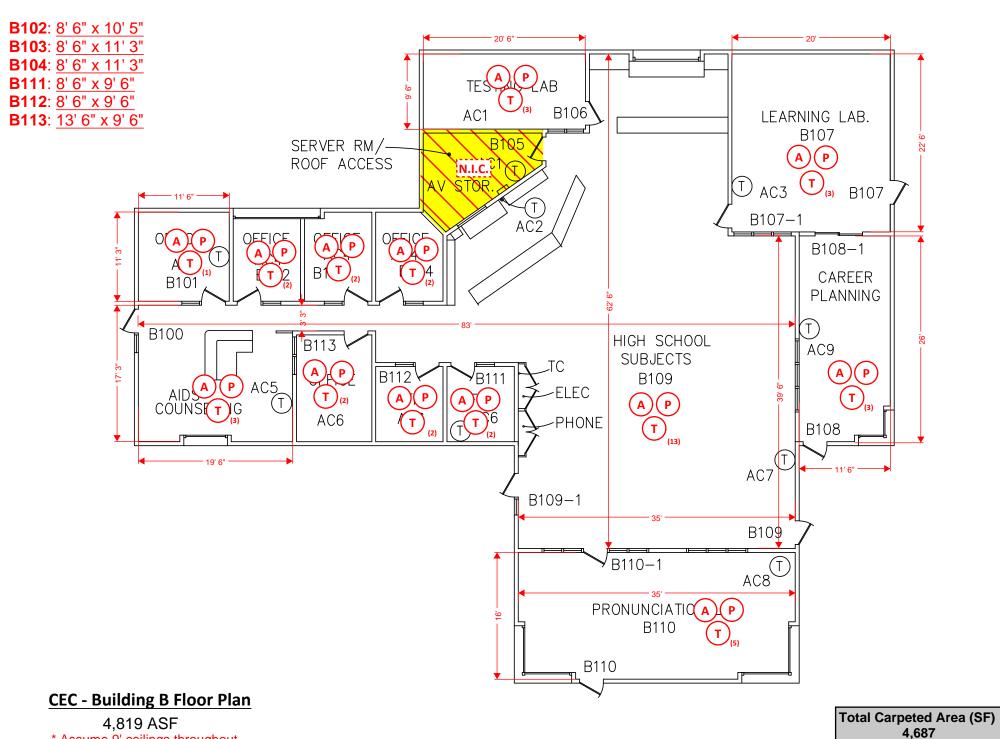


Not In Contract. No interior work to be performed.

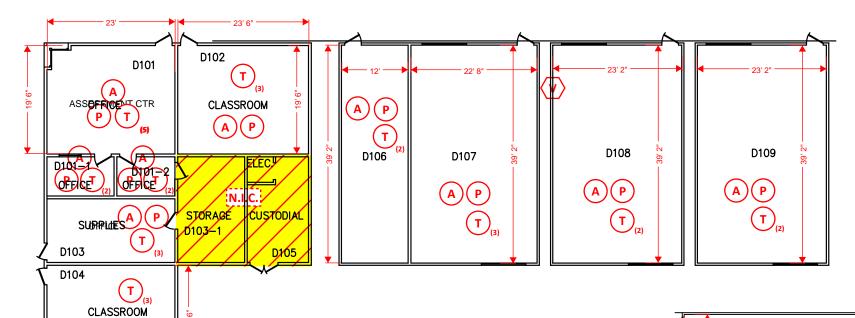


* Assume 9' ceilings throughout

Total Carpeted Area (SF) 7,315



* Assume 9' ceilings throughout



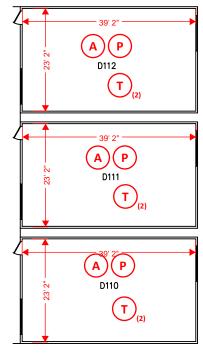
(A)(P)

D101-1: 7'<u>x 12'</u> **D101-2**: 7'<u>x 10' 6"</u> **D103**: <u>11' x 23'</u>

CEC - Building D Floor Plan

8,085 ASF

* Assume 9' ceilings throughout



Total Carpeted Area (SF) 6,769

E101-4: 8' 6" x 17' 6" E102-1: 10' 11" x 7' 4" E102-2: 10' 11" x 8' 1" E102-3: 10' 11" x 8' 1" E103: 16' 6" x 24' 6" E104: 19' x 14' 6" E105: 11' 6" x 14' E105-1: 7' x 14' E106: 14' 2" x 14' 10" E107-3: 5' x 5' 1" E107-4: 11' 8" x 10' 6" E107-5: 11' 8 x 19' 9" E107-6: 14' 5" x 18' 9"

E101-3: 12' x 15' 6"



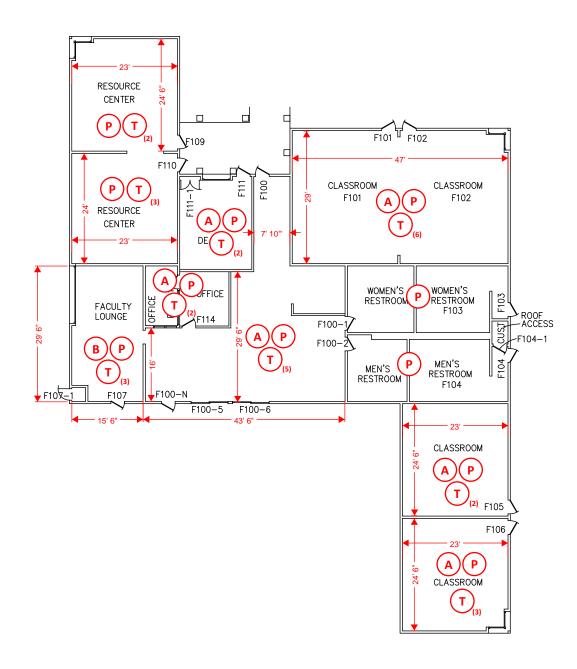
CEC - Building E Floor Plan

9.064 ASF

* Assume 9' ceilings throughout

Total Carpeted Area (SF) 6,386

F111: <u>15' 8" x 19' 5"</u> **F114**: 8' 6" x 17' 6" **F114-1**: 10' 11" x 7' 4" **F100-1**: 14' 6" x 14' 6" F100-2: 13' x 13' 6" F103: 20' x 14' 6" F104: 21' 6 x 13' 6"



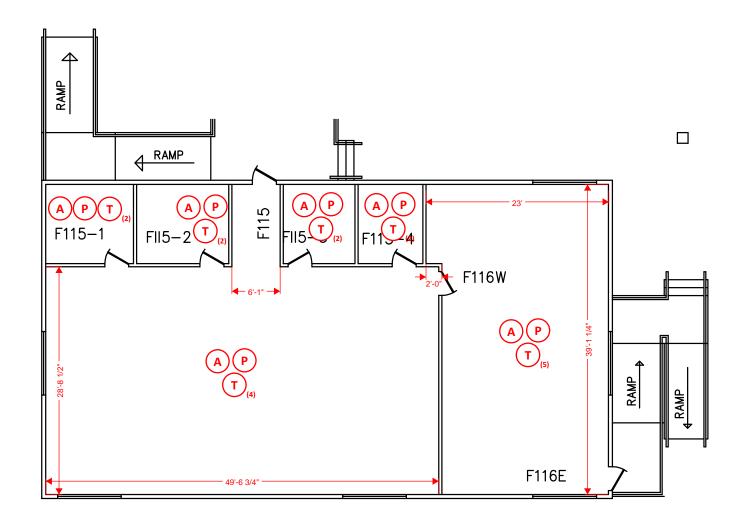
CEC - Building F Floor Plan

5,725 ASF

* Assume 9' ceilings throughout

Total Carpeted Area (SF) 4,613

F115-1: 12 x 10' F115-2: 11' 8" x 10' F115-3: 10' x 10' F115-4: 8' 2" x 10'



Classroom References









Administrative References













Group/Study References





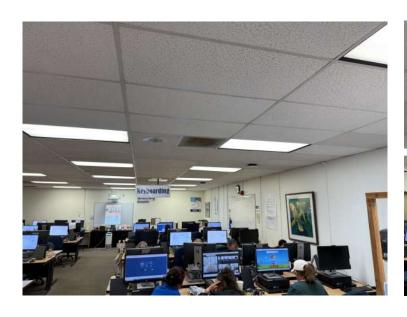
Office References

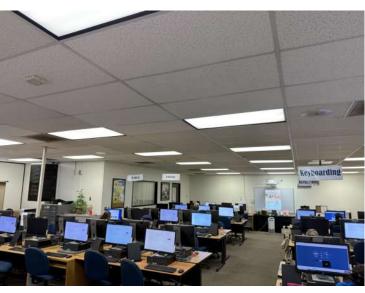






Computer Lab References







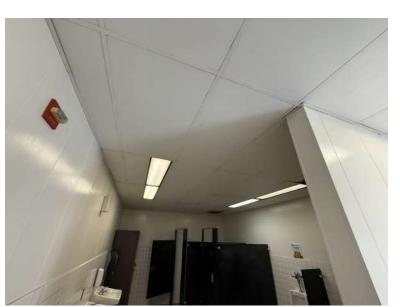


Specialty Area References

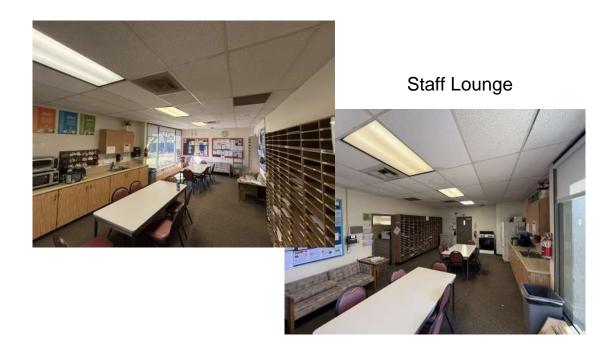
Corridor



Restroom Paint/Ceiling







PRE-BID CLARIFICATION FORM

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

PROJECT NAME: Interior Improvements Project at Centennial Education Center			ducation Center			
PROJECT NUMBER: 2914 BID NUMBER: 1464			NUMBER: 1464			
EMAIL TO	: facilitiesbid@ı	rsccd.edu				
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
What is the Engineer Estimated Value for the Project? It is required by a Surety to issue a Bid Bond.						
	TO CLARIFICA		•			
Engineers I	Estimate for th	ne project is \$800,000.00 to	\$1,000,000.	00		

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT N	AME:	Interior Improvements Project at Centennial Education Center			
PROJECT NUMBER: 2914 BID NUMBER: 1464			NUMBER: 1464		
EMAIL TO	: facilitiesbid@ı	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Please Confirm that this Contract required 2M/4M GL Insurance Coverage per General Condition, para. 35.2					
	TO CLARIFICA				
Confirmed,	limits as iden	tified in General Conditions	is required.		

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				•	
PROJECT N	UMBER:	2914	BID NUMBER: 1464		
EMAIL TO	: facilitiesbid@1	rsccd.edu	•		
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Please Confirm that this Contract required All Special Hazards Insurance Coverage per General Condition, para. 35.3 (Item a (Automotive and Truck), b (Material Hoist), c (Explosion, Collapse and Underground), d (Hazardous Materials)).					
RESPONSE	TO CLARIFICA	ATION:			
All Special	Hazards Insu	rance Coverage is not requi	red.		

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT N	AME:	Interior Improvements Project at	t Centennial E	ducation Center
PROJECT NUMBER: 2914 BID NUMBER: 1464			NUMBER: 1464	
EMAIL TO	: facilitiesbid@ı	rsccd.edu		
DATE:	09/27/2024			
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com
SPEC SECTION:	GC		DRAWING NUMBER:	N/A
REQUESTE	D CLARIFICAT	TION:		
para. 35.4.	TO CLARIFIC	Contract required Fire Insura	ance Covera	age per General Condition,

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT N	AME:	Interior Improvements Project at Centennial Education Center			
PROJECT NUMBER: 2914 BID NUMBER: 1464			NUMBER: 1464		
EMAIL TO	: facilitiesbid@ı	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Please Confirm that this Contract required Subcontractor Insurance Coverage per General Condition, para. 35.5					
	TO CLARIFICA				
Confirmed,	Subcontracto	r Insurance Coverage is rec	uired.		

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					
PROJECT N	UMBER:	2914	BID NUMBER: 1464		
EMAIL TO	: facilitiesbid@1	rsccd.edu	•		
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Please Confirm that this Contract required Builder's Risk/"All Risk" Insurance Coverage per General Condition, para. 35.7					
	TO CLARIFICA				
Builders Ki	sk Insurance (Coverage not required.			

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					
PROJECT N	UMBER:	2914	BID NUMBER: 1464		
EMAIL TO	: facilitiesbid@1	rsccd.edu	•		
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Please provide the Asbestos and Lead Paint Test Reports for the Project Areas.					
RESPONSE	TO CLARIFICA	ATION:			
Project Haz	zMat reporting	forthcoming for distribution	in future Ad	denda.	

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				•	
PROJECT N	UMBER:	2914	BID NUMBER: 1464		
EMAIL TO	facilitiesbid@ı	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	GC		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Does the contractor have responsibility to remove, relocate, and reinstall existing furniture in the project sites entirely?					
RESPONSE	TO CLARIFICA	ATION:			
The contract	ctor has the re	esponsibility to remove, reloc	cate, and rei	nstall all exis	ting furniture.

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

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PROJECT N	IAME:	Interior Improvements Project a	t Centennial E	ducation Center		
PROJECT N	IUMBER:	2914 BID		NUMBER: 1464		
EMAIL TO	: facilitiesbid@ı	rsccd.edu				
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	GC		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	ΓΙΟΝ:				
Will the District remove and reinstall any Wall-Hung items (Picture Frames, Clocks, and Wall Accessories) for (N) Wall Painting?						
RESPONSE	TO CLARIFICA	ATION:				
non-buildin completed.	g signage, an Contractor is	ove and reinstall wall-hung it d other personal wall access responsible for removal of a complete the project.	sories for ne			

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END OF DOCUMENT

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PROJECT N	AME:	Interior Improvements Project at Centennial Education Center			
PROJECT N	PROJECT NUMBER: 2914 BID NUMBER: 1464			1464	
EMAIL TO	: facilitiesbid@	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information. ail.com	goldengate@gm
SPEC SECTION:	099000		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	ΓΙΟΝ:			
(N) Paint is required for Building Interior only in the Bid Scopes Instructions; however, Spec Section 09 90 00, para. part 2.E, required to Paint on Exterior Surfaces. Any Exterior required to (N) Paint?					
RESPONSE	TO CLARIFICA	ATION:			
		e specific paint substrates ar			

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END OF DOCUMENT

PRE-BID CLARIFICATION FORM

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

DD O IECT N	ANAD	Taria de Director		1	
PROJECT N.	AME:	Interior Improvements Project a	Improvements Project at Centennial Education Cent		
PROJECT NUMBER: 2914 BID N			NUMBER:	1464	
EMAIL TO:	facilitiesbid@ı	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.	goldengate@gm
SPEC SECTION:	099000		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
(N) Paint is required on Interior Walls and Doors, and Air Grilles in the Bid Scopes Instructions; however, Spec Section 09 90 00, para. part 2.F.9, Paint on (E) Acoustical Ceiling Tiles & T-Bar Grids. Any Acoustical Ceiling Tiles & T-Bar Grids required (N) Paint entirely?					
RESPONSE	TO CLARIFICA	ATION:			
		g tiles & T-bar grids is not rent substrates and types that			

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				•	
PROJECT N	UMBER:	2914	BID NUMBER: 1464		
EMAIL TO	: facilitiesbid@1	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Provide a Spec (Mfg., Model no., & Size) for Acoustical Ceiling Tiles.					
RESPONSE	TO CLARIFICA	ATION:			
Please see	attached for p	provided spec section 09 50	00 Acoustic	cal Panel Cei	lings.

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					
PROJECT NUMBER: 2914 BID NUMBER: 1464				1464	
EMAIL TO	: facilitiesbid@ı	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	ΓΙΟΝ:			
RESPONSE	TO CLARIFICA	ATION:			
SF for floor project Atta	ring at Facility achment D - P	Lounge (Room F107) in Bui	ilding F is 43	9 SF as indic	cated in the

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				•		
PROJECT NUMBER: 2914 BID NUMBER: 1464				1464		
EMAIL TO	EMAIL TO: facilitiesbid@rsccd.edu					
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information. ail.com	goldengate@gm	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
Is there any scope required at Room F107-1 in Building F? or "NIC"? Please Confirm.						
RESPONSE	TO CLARIFICA	ATION:				
Room F107	7-1 in Building	F is not in contract (NIC).				

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					r		
PROJECT NUMBER: 2914 BID NUMBER: 1464				1464			
EMAIL TO	EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	09/27/2024						
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com			
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A			
REQUESTE	D CLARIFICAT	ΓΙΟΝ:					
Provide a S	Spec for Vinyl	Flooring.					
		· ·					
RESPONSE	TO CLARIFICA	ATION:					
A linoleum specification	flooring type v	will be used. Please see atta	ached, updat	ted specs for	linoleum flooring		

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					•		
PROJECT NUMBER: 2914 BID NUMBER: 1464				1464			
EMAIL TO	EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	09/27/2024						
FROM:	Golden Gate	Construction	EMAIL:	information. ail.com	goldengate@gm		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A			
REQUESTE	D CLARIFICAT	TION:					
RESPONSE	TO CLARIFICA	ATION:					
The noted s	symbol "V" wa	is a draft error. Please disre	gard symbo	I shown on B	uilding D Floor		

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				ducation Center		
PROJECT NUMBER: 2914 BID NUMBER: 1464				NUMBER: 1464		
EMAIL TO	EMAIL TO: facilitiesbid@rsccd.edu					
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
Would you provide the LF for Rubber Cove base at each room?						
	TO CLARIFICA					
	updated "Atta per building.	achment C - Drawings/Plans	" which prov	vides approx. dimensions of		

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END OF DOCUMENT

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PROJECT N	JECT NAME: Interior Improvements Project at Centennial Education Center				•
PROJECT N	OJECT NUMBER: 2914 BID NUMBER: 1464				1464
EMAIL TO	: facilitiesbid@1	rsccd.edu			
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Doors?		oor Frame Both Sides (In &	Out) includir	ng all interior	& Exterior
RESPONSE	TO CLARIFICA	ATION:			
Painting is	required for in	iterior/exterior doors and do	or frames (b	oth sides).	

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PROJECT NAME: Interior Improvements Project at Centennial Education Center				
PROJECT NUMBER: 2914 BID NUMBER: 1464			NUMBER: 1464	
EMAIL TO	: facilitiesbid@ı	rsccd.edu		
DATE:	09/27/2024			
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A
REQUESTE	D CLARIFICAT	TION:		
Ceiling Hei	ght" on the Pla	plete Dimensions" on the Prans for Getting the Paint SF		
RESPONSE	TO CLARIFICA	ATION:		
	per building.	achment C - Drawings/Plans 9' ceilings to be assumed the		vides approx. dimensions of also noted on the updated

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END OF DOCUMENT

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					
			1464		
EMAIL TO: facilitiesbid@rsccd.edu					1
DATE:	09/27/2024				
FROM:	Golden Gate	Construction	EMAIL:	information.	goldengate@gm
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A	
REQUESTE	D CLARIFICAT	TION:			
Or Number	of Air Grilles	s (number) with "T" indicated required to (N) Paint? Pleas		,	
RESPONSE	TO CLARIFICA	ATION:			
	nt in each are	ans is a representation of ap a. Regarding ceiling tiles, co			

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PROJECT NAME: Interior Improvements Project at Centennial Education Center					•		
PROJECT NUMBER: 2914 BID NUMBER: 1464				1464			
EMAIL TO	EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	09/27/2024						
FROM:	Golden Gate	Construction	EMAIL:	information.	goldengate@gm		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A			
REQUESTE	D CLARIFICAT	TION:					
area must l	•	s Schedule Required in the then, start to next phasing a me?	•		•		
RESPONSE	TO CLARIFICA	ATION:					
		between phases to make the will be coordinated with the					

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PROJECT NUMBER: 2914 BID NUMBER: 1464				1464		
EMAIL TO	: facilitiesbid@ı	rsccd.edu				
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information. ail.com	goldengate@gm	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
There are (6) Buildings (A, B, D, E, F, G) involved in the Project and Phasing Works Schedule Required. The Phasing Schedule shall be by each building? Or by the same Color Code Area in the entire (6) Buildings? Please provide a complete Phasing Schedule Table with the Area Number (Room Number) with its approved Working Hours.						
RESPONSE	TO CLARIFICA	ATION:				
		oordinated with the college for be performed during off/no				

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PROJECT NUMBER: 2914 BID NUMBER: 1464				1464		
EMAIL TO	: facilitiesbid@ı	rsccd.edu				
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@g ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
Why only certain rooms indicated as "Construction During off hours and/or weekends" in the Project Plans? It means all other Areas can be worked during Daytime in weekdays? The Supplementary Conditions required the Working Hours are during Night-Shift in weekdays & given working hours in weekends per para. C. Please Clarify the Working hours schedule for each area or Buildings or Phasing.						
RESPONSE	TO CLARIFICA	ATION:				
"Construction staff/studer coordinated	on During off nts will always d with the colle	n Center (CEC) is a year-ro hours and/or weekends" me be in these rooms during be ege following award of contr ff/non-business hours and h	ans that the usiness hou act. Contrac	se are areas rs. Phasing d	where letails will be	

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PROJECT N	UMBER:	2914	BID	NUMBER:	1464	
EMAIL TO	facilitiesbid@ı	sccd.edu				
DATE:	09/27/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.	goldengate@gm	
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
Scope of Work (Attach A), the Subfloor Preparation required, "Thoroughly prepare the subfloor using a self-leveling compound to ensure a smooth and level surface for the new flooring." Is the applying a self-leveling compound required to the entire (N) flooring area prior to install (N) Carpet or Vinyl Floor? Or as needed to cover any (E) Damaged Subfloor? What about the surfaces under the (E) Workstations or Furniture? If a self-leveling compound is required as needed for the damaged areas only, it is an unforeseen. Please advise approx. SF to repair the damaged area with applying self-leveling compound at each room or each building for a fair bidding purpose among bidders.						
RESPONSE	TO CLARIFICA	ATION:				
event that a	any flooring su	s required at all areas where ibstrate is damaged and nee owance expenditure.				

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END OF DOCUMENT

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DD CHECTALANCE						
PROJECT NAME:		Interior Improvements Project at Centennial Ed				
PROJECT NUMBER:		2914 BID		NUMBER: 1464		
EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	DATE: 10/09/2024					
FROM:	Golden Gate	Construction	EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
Please Confirm that The Corridor (A115 & A116) at Building A required Replace Ceiling Tiles and Paint Air Grilles (3) only, not Paint or Floor Replacement required.						
RESPONSE	TO CLARIFICA	ATION:				
		placement and painting of a in project drawings/plans.	ir grilles is th	ne only scope required for		

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

PRE-BID CLARIFICATION FORM

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

PROJECT NAME:		Interior Improvements Project at Centennial Education Center				
PROJECT NUMBER:		2914	BID NUMBER: 1464		1464	
EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	10/09/2024					
FROM:	Golden Gate Construction		EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
	TO CLARIFICA					
i ne project	is not bound	by any PLA requirements.				

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

PRE-BID CLARIFICATION FORM

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

PROJECT NAME:		Interior Improvements Project at Centennial Education Center				
PROJECT NUMBER:		2914	BID NUMBER: 1464			
EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	10/09/2024					
FROM:	Golden Gate Construction		EMAIL:	information.goldengate@gm ail.com		
SPEC SECTION:	N/A		DRAWING NUMBER:	N/A		
REQUESTE	D CLARIFICAT	TION:				
There are Phasing Plans (Attachment D) provided in the Bid Documents. Please provide Phasing Date (Duration) & Working Time Schedule within the complete phasing table in the Timely Orders.						
RESPONSE	TO CLARIFICA	ATION:				
		oordinated with the college for be performed during off/no				

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

PROJECT NAME:		Interior Improvements Project at Centennial Education Center				
PROJECT NUMBER:		2914	BID NUMBER: 1464		1464	
EMAIL TO: facilitiesbid@rsccd.edu						
DATE:	09/30/2024					
FROM:	CORNER KEY	STONE	EMAIL:	hida @aawaa		
		ION CORPORATION		bias@come	erkeystone.com	
SPEC			DRAWING			
SECTION:			NUMBER:			
REQUESTE	D CLARIFICAT	TION:				
TEQUESTE	<u> </u>					
Please	nrovide the end	jineer's estimate ang liquidated da	manes for this I	oid Thank you		
ricasc	provide the eng	pineer 5 estimate any nyaidated de	inages for tills i	old. Thank you		
RESPONSE	TO CLARIFICA	ATION:				
Engineers E	stimate for the p	roject is \$800,000.00 to \$1,000,0	00.00			
Refer to Sup	plemental Cond	itions Section A, Article 8 for Liqu	idated Damage	s.		

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

			500 11311 (6)	citons to Bluder.	3.7		
PROJECT NAME:		Interior Improvements Project at Centennial Education Center					
PROJECT NUMBER:		2914		NUMBER:	1464		
EMAIL TO	: facilitiesbid@	rsccd.edu	-				
DATE:	Oct 7th 2024						
FROM:	Patriot	Contracting	EMAIL:	Richa	Patriotine us		
SPEC SECTION:			DRAWING NUMBER:		chment C		
REQUESTE	D CLARIFICAT	TION:					
Who Will move, Store and Reinstell all the Interior Furniture, Bookcases, Shelving and so on?							
RESPONSE	TO CLARIFICA	ATION:					
The contractor is responsible for meticulously lifting, relocating, and returning all furniture and equipment to their original locations without causing any damage following scope completion in each area. This also includes furniture disassembling and reassembling as needed on a case by case basis.							

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

PROJECT NAME:	Interior Improvements Project	et at Centennial Education Center
PROJECT NUMBER:	2914	
EMAIL TO: facilitiesbi	d@rsccd edu	BID NUMBER: 1464
DATE:	et 7th 2024	
FROIVI;	of Contracting	EMAIL: Richa Patriotine on
SPEC SECTION:		DRAWING A Hachment C
REQUESTED CLARIFIC	CATION:	
Can to	here be a r a few	Scoonel Welk Set Subcontrates to view
the but	Illinss for Sec	pe detail 7
RESPONSE TO CLARIF	CATION:	

The District will conduct an additional, optional Job Walk for General Contractors and Subcontractors on Friday, October 18, 2024, beginning promptly at 2:00 P.M. Please note, this job walk is only for bidders who attended the previous, mandatory job walk on October 2, 2024. No new bidders are allowed to attend.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT

(Email this completed form to FacilitiesBid@rsccd.edu. See Instructions to Bidders.)

	Vermin time er				<i>'</i>	
PROJECT NAME:		Interior Improvements Project at Centennial Education Center				
PROJECT NUMBER:		2914		BID NUMBER:	1464	
EMAIL TO	: facilitiesbid@	rsccd.edu				
DATE:	Oc	+ 7th 2024				
FROM:		Contracting	EMA	L: Richa	Patriotine us	
SPEC SECTION:			DRAWIN NUMBE		chment C	
REQUESTE	D CLARIFICA	TION:				
W +h A	ho Wi le In Intwon	III Take du terior Wall K etc	Picture ov	l Reins dy Clea	tell all eks Wells?	
RESPONSE	TO CLARIFIC	ATION:				
The district will remove and reinstall wall-hung items including pictures, clocks, artwork, non-building signage, and other personal wall accessories.						

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

END OF DOCUMENT