

ADDENDUM NO. 1

Dated: April 16th, 2018

**Project # F26-075-817
DW – Infrastructure Exterior Painting (EV)
Bid#: B-04-17-18**

A. GENERAL

This document includes requirements that clarify or supersede portions of the bid and/or contract requirements for the project. This Addendum is a Contract Document.

Please acknowledge this Addendum on Bid Form and Proposal Document 00 41 13.

B. SUMMARY

The following changes, additions and deletions shall be made to the following document(s); all other conditions shall remain the same.

1. Please find attached updated specifications Division 09 (labeled “Base Scope – Addendum #1”): Exterior Paint

District recognizes this change in the base scope for bid will impact the original engineer’s estimate.

2. Please find attached original specifications Division 09 (now labeled “Deductive Alternate #1”): Exterior Paint.
3. Please find attached updated specification section 01 22 00 identifying the Deductive Alternate #1.

Deductive Alternate #1 was the original base scope, which included the spot-prime and paint with standard Dun Edwards product (as identified in Division 09 Deductive Alternate #1).

New base scope calls for Full Prime and Elastomeric product (as identified in Division 09 Base Scope - Addendum #1)

4. Please find attached Updated Bid Form and Proposal Document 00 41 13

Base Bid – Elastomeric specification Div 09, labeled “Base Scope – Addendum #1”

Deductive Alt #1 – Standard paint specification Div 09, labeled “Deductive Alternate #1”

5. Please find attached Updated Site Plan, A1.01 and A1.02.

6. **Question:** Is this project a PLA Project?

Response: Any Contract over \$175,000.00 requires PLA.

7. **Question:** The ticket Booth has a metal canopy attached to it. Is this canopy to be included in the painting of the building or will it be added to the Item#5 Canopy pricing on the bid form? If added to the bid form please provide revised bid form

Response: See revised bid form.

8. **Question:** Building D has a gray canopy on the front of the building. Is this canopy to be included in the painting of the building or will it be added to the Item#5 Canopy pricing on the bid form? If added to the bid form please provide revised bid form

Response: See revised bid form.

9. **Question:** Please confirm if the painted doors and door frames will require painting on both sides(interior/exterior) or just the exterior side only

Response: Interior / Exterior of doors and door frames to be painted per spec section 3.A.5

10. **Question:** Please confirm that the horizontal walk ways at the portable buildings will not require painting /coating.

Response: Horizontal walk ways on ramps are not to be painted. Hand Rails are called out to be painted.

END OF DOCUMENT

BID FORM AND PROPOSAL

To: Governing Board of East Side Union High School District (“District” or “Owner”)

From: _____
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. B-04-17-18.

PROJECT: _____ DW-Infrastructure – Exterior Painting (EV)

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

ITEM	DESCRIPTION	UNIT	TOTAL	Deductive Alt #1
1.	All labor, material equipment and overhead and profit required to complete the painting scope of work for Building A, B, C, P, D, E1, E2, F, G, H, Pool Bld. and overhangs. Exclude cost to paint metal frame and roof.	Lump Sum	\$	
2.	All labor, material equipment and overhead and profit required to complete the painting scope of work for Portable Classrooms P1-P12.	Lump Sum	\$	
3.	All labor, material equipment and overhead and profit required to complete the painting scope of work for Building J (ticket booth / Snack Shack Blds), Bld M (Press Box), & 2 Storage Sheds.	Lump Sum	\$	
4.	All labor, material equipment and overhead and profit required to complete the painting scope of work for Metal Roof / Frames at Blds A, B, & E1/E2, ticket both (J) canopy, D front canopy and Bus Shelter.	Lump Sum	\$	
5.	Allowance: All labor and material needed for Additional Exterior Repairs	Lump Sum	\$10,000.00	
6.	Total Bid Amount (Sum of Items 1 – 5)		\$	

<div style="text-align: right; margin-bottom: 5px;">_____ dollars \$ _____</div> <p>BASE BID</p> <p><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices.</i></p>

Additive/Deductive Alternates:

Deductive Alternate #1

EAST SIDE UNION HIGH SCHOOL DISTRICT
F26-075-817, DW-Infrastructure
Exterior Painting (EV)
Bid #: B-04-17-18

BID FORM AND PROPOSAL
DOCUMENT 00 41 13-2
Addendum No. 1

_____ dollars \$ _____
Total Deductive Alternate

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

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Additional Detail Regarding Calculation of Base Bid

1. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
2. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
3. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
4. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
5. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
6. The following documents are attached hereto:
 - Bid Bond on the District's form or other security
 - Designated Subcontractors List
 - Site Visit Certification
 - Non-Collusion Declaration
7. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

8. Bidder acknowledges that the license required for performance of the Work is a _____ license.
9. The undersigned hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.

10. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations [and with all requirements of the Project Labor Agreement].
11. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
12. The Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
13. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
14. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
15. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this _____ day of _____ 20 ____

Name of Bidder: _____

Type of Organization: _____

Signed by: _____

Title of Signer: _____

Address of Bidder: _____

Taxpayer Identification No. of Bidder: _____

Telephone Number: _____

Fax Number: _____

E-mail: _____ Web Page: _____

Contractor's License No(s): No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

Public Works Contractor Registration No.: _____

END OF DOCUMENT

ALTERNATES AND UNIT PRICING

PART 1 – ALTERNATES

1.01 RELATED DOCUMENTS AND PROVISIONS

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions;
- C. Bid Form and Proposal;
- D. Instruction to Bidders.

1.02 DESCRIPTION

The items of work indicated below propose modifications to, substitutions for, additions to and/or deletions from the various parts of the Work specified in other Sections of the Specifications. The acceptance or rejection of any of the alternates is strictly at the option of the District subject to District's acceptance of Contractor's stated prices contained in this Proposal.

1.03 GENERAL

Where an item is omitted, or scope of Work is decreased, all Work pertaining to the item whether specifically stated or not, shall be omitted and where an item is added or modified or where scope of Work is increased, all Work pertaining to that required to render same ready for use on the Project in accordance with intention of Drawings and Specifications shall be included in an agreed upon price amount.

1.04 BASE BID

The Base Bid includes all work required to construct the Project completely and in accordance with the Contract Documents.

1.05 ALTERNATES

- A. **See Division 09 labeled “Deductive Alternate #1” and apply deductive alternate pricing to bid form under the “Deductive Alternate #1” column.**

The above Alternate descriptions are general in nature and for reference purposes only. The Contract Documents, including, without limitation, the Drawings and Specifications, must be referred to for the complete scope of Work.

PART 2 - UNIT PRICING

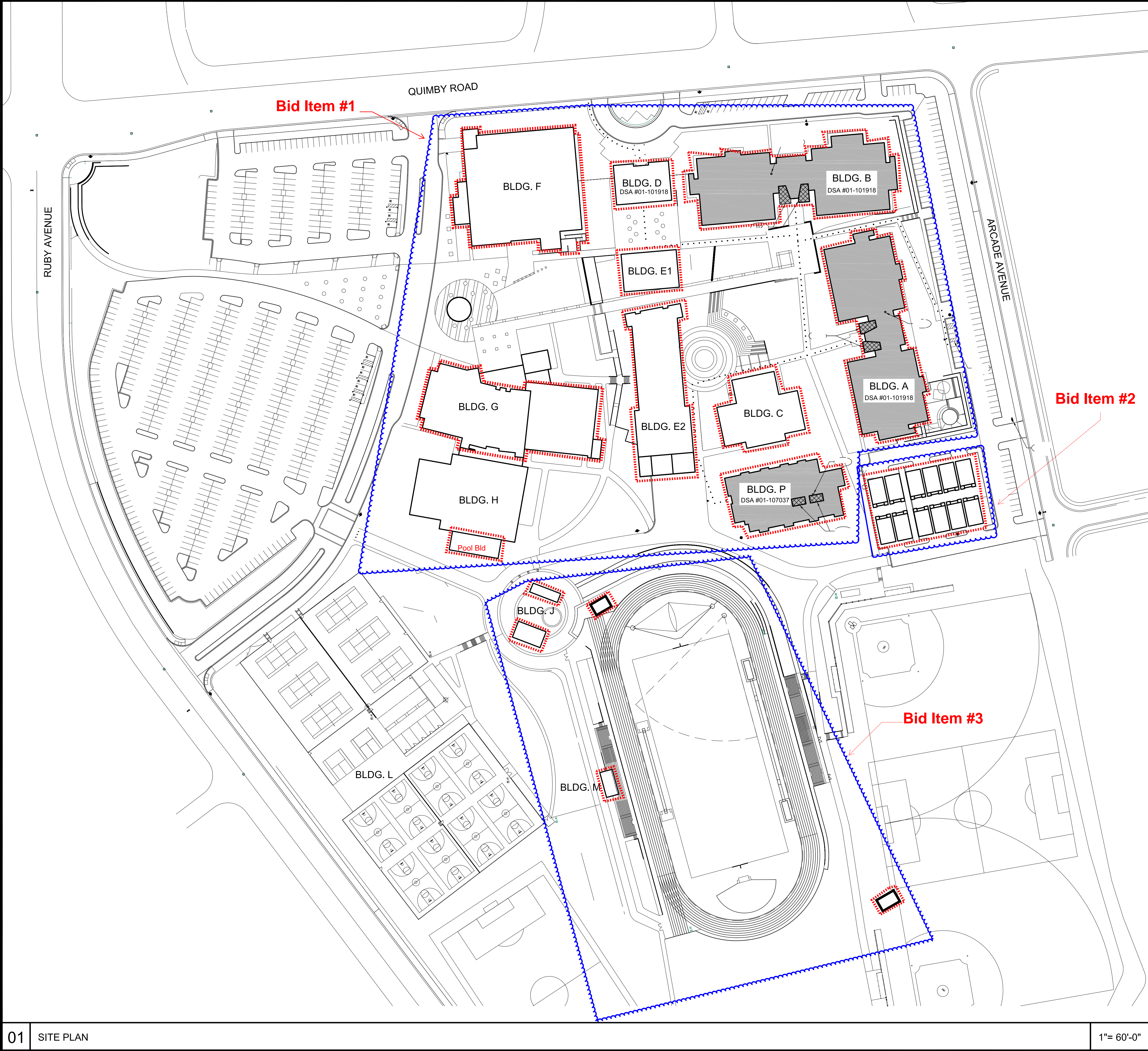
2.01 GENERAL

Contractor shall completely state all required figures based on Unit Prices listed below. Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intention of Drawings and Specifications shall be included in an agreed upon price amount.

2.02 UNIT PRICES

Furnish unit prices for each of the named items on a square foot, lineal foot, or per each basis, as applies. Unit prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and supplier(s).

END OF DOCUMENT



GENERAL NOTES

KEY NOTES

LEGEND

1. Cracks in Stucco must be repaired, using Rapid Set Stucco Patch. See specifications for product instructions.

2. All Wood Doors / Frames to be painted, Interior and Exterior.

3. All Rust to be removed from metal roofs and frames before applying paint.

Buildings to be painted.

Bid Item Area, see bid form and proposal.

General Notes

Key Plan

Project Title

EVERGREEN H.S.
DW - Infrastructure - Exterior
Painting (EV)

3300 Quimby Rd
San Jose, CA 95148

EAST SIDE UNION H.S.D.

No	Revisions/Submissions	Date

Drawing Title

SITE PLAN

DSA File Number

DSA Application Number

Project No.

Date

Drawing No

A1.01

Addendum No. 1

Untitled Map

Site Plan A 1.2
Addendum No.1

Bid Item #4

Evergreen Valley High School

Google Earth

© 2018 Google

500 ft



April 16, 2018

Evergreen Valley High
School
3300 Quimby Rd,
San Jose, CA 95148

East Side Union High School District
830 North Capitol Ave
San Jose, CA 95133

Volume #2 of #2

APPENDIX # 2
OUTLINE SPECIFICATION

Addendum No. 1

Division 09: Exterior Paint Specification – Base Scope

PAINTING SPECIFICATION

PART 1 - GENERAL

1 SUMMARY

- A. Section includes surface preparation and the application of paint systems on
 - 1. EXTERIOR substrates.
 - 2. The following EXTERIOR substrates:
 - Concrete / Stucco
 - Concrete masonry units (CMU)
 - Plywood T1-11
 - Wood Trim
 - Metal Doors

- B. The location of the work to be performed is:
 - Evergreen Valley High School
 - (See Project Drawings For Work Areas)**

 - 3300 Quimby Rd,
San Jose, CA 95133

2 DEFINITIONS

- A. Gloss Level 1: Not more than 5 units at 60 degrees and 10 units at 85 degrees, according to ASTM D 523.
- B. Gloss Level 2: Not more than 10 units at 60 degrees and 35 units at 85 degrees, according to ASTM D 523
- C. Gloss Level 3: 10 to 25 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D 523.
- D. Gloss Level 4: 20 to 35 units at 60 degrees and not less than 35 units at 85 degrees, according to ASTM D 523.
- E. Gloss Level 5: 35 to 70 units at 60 degrees, according to ASTM D 523.
- F. Gloss Level 6: 70 to 85 units at 60 degrees, according to ASTM D 523.
- G. Gloss Level 7: More than 85 units at 60 degrees, according to ASTM D523.
- H. EG: Ethylene Glycol. Ethylene glycol is listed as a hazardous air pollutant (HAP) by the U.S. EPA
- I. Blocking: Two painted surfaces sticking together such as a painted door sticking to a painted jamb.
- J. RAVOC: Reactivity adjusted VOC 'Reactivity' means the ability of a VOC to promote ozone formation.
- K. PDCA: Painting & Decorating Contractors of America www.pdca.org
- L. SSPC: Scopes of SSPC Surface Preparation Standards and Specifications. www.sspc.org
- M. Owner – usage of the term “Owner” shall be construed to mean the actual owner of the Property or a duly authorized representative of the owner.
- N. Property – usage of the term “Property” shall be construed to mean the property location identified in paragraph 1.1 B. 1. of this specification at which location the work shall be performed.
- O. Painting Contractor – usage of the term “Contractor” shall be construed to mean the 3rd party contractor performing the painting portion of the project.

3 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.
- B. Samples for Initial Selection: For each type of topcoat product.
- C. Samples for Verification: For each type of paint system and each color and gloss of topcoat.

1. Submit Samples on rigid backing, no smaller than 7 inches by 10 inches (177.8 mm by 254 mm) or larger than 8.5 inches by 11 inches (215.9 mm by 279.4 mm).
 2. Label each Sample for project, owner's agent, general contractor, painting contractor, paint color name and number, paint brand name, "P" number if applicable, and application area.
- D. Product List: For each product indicated, include the following:
1. Cross-reference to paint system and locations of application areas.
 2. VOC content.

4 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials from the same product run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Ten [10] percent, but not less than [1 gal. (3.8 L)] of each material and color applied.

5 QUALITY ASSURANCE

- A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
1. Owner's agent will select one surface to represent surfaces and conditions for application of each paint system specified in Part 3.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
 - b. Other Items: owner's agent will designate items or areas required.
 2. Final approval of color selections will be based on mockups.
 - a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by owner's agent at a cost to be agreed upon by Contractor and Owner.
 3. Approval of mockups does not constitute approval of deviations from the paint systems indicated unless owner's agent specifically approves such deviations in writing.
 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

6 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C) or more than 120 deg F (49 deg C).

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Remove rags and waste from storage areas daily.

7 FIELD CONDITIONS

- A. Surfaces must be clean and moisture free. Prime and paint as soon as possible. Do not apply paints in snow, rain, fog, or mist. No painting shall be done immediately after rain or foggy weather or when the temperature is below 50 °F. Substrate temperature must be 5 °F or more above dew point temperature while painting and during the coating's cure time. Avoid painting surfaces while they are exposed to a full, hot sun.
- B. Painting contractor should follow proper painting practices and exercise judgment based on his or her experience and project specific conditions as to when to proceed.

PART 2 - PRODUCTS

1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide products manufactured or distributed by the Dunn-Edwards Corporation.

2 PAINT, GENERAL

- A. Material Compatibility:
 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.
- B. VOC Content: Provide materials that comply with VOC limits of authorities having jurisdiction.
- C. Colorants: The use of colorants containing hazardous chemicals, such as ethylene glycol, is prohibited.
- D. Colors: As Selected by owner's agent from manufacturer's full range.
 1. Where color is selected prior to bid submittal, Contractor shall bid [one (1)], [two (2)], or more finish coats, as appropriate to the color selected, and shall expressly state number of finish and prime coats and type (full or spot) of prime coat.
 2. When the final color has not been selected prior to bid submittal, Contractor may need to bid additional coats when submitting their bid. The Owner should be aware that if a color is chosen following the bid process and the color is significantly different from original color, a change order for an additional finish coat might be required.

3 SOURCE QUALITY CONTROL

- A. Testing of Paint Materials: Owner reserves the right to invoke the following procedure.
1. Owner may engage the services of a qualified testing agency to sample paint materials. Contractor will be notified in advance and may be present when samples are taken. If paint materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
 2. Testing agency will perform tests for compliance with product requirements.
 3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove non-complying paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will comply with requirements to use compatible products and systems as described in Paragraph 2.2.A. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

PART 3 - EXECUTION

1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
- Exterior Substrates:
1. Concrete: 11 percent or less.
 2. Masonry (Clay and CMU): 11 percent or less.
 3. Wood: 15 percent or less.
 4. Plaster: 5 percent or less.
- C. Portland Cement Plaster Substrates: Verify that plaster is fully cured, including pH testing to determine that alkalinity is within limits established by the manufacturer.
- D. Interior and/or exterior Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
- E. Concrete floors require a calcium chloride test to measure hydrostatic pressure. Consult floor coating manufacturer with test results prior to beginning surface preparation.
- E. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- F. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Application of coating indicates acceptance of surfaces and conditions.

2 PREPARATION

- A. Comply with manufacturer's written instructions applicable to substrates and paint systems indicated.
- B. Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call EPA's National Lead Information Hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or/asbestos, or contact your state or local Health Department.
- C. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.
- D. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
 1. Remove incompatible primers and re-prime substrate with compatible primers or apply bond coat as required to produce paint systems indicated.
- E. Where mildew is present, remove mildew by scrubbing with a commercial mildew remover, or, with a solution of one (1) part household bleach mixed in three (3) parts water by volume. The solution should be left on the surface for a minimum of twenty (20) minutes, rinsed thoroughly with clean water to remove any residue, and then allowed to dry completely prior to application of patching/caulking/prime/finish coat systems.
- F. Moisture: All areas that may cause paint failure due to moisture shall be addressed and eliminated. This would include, but is not limited to:
 1. Gutters and downspouts not working properly.
 2. Previous coats of paint not adhering properly.
 3. Wood checking (cracks and splits in wood).
 4. Deteriorated caulking.
 5. Gaps between substrates.
 6. Rotten wood.
 7. Areas affected by water splashing.
 8. Painting in inclement weather.
 9. Painting a substrate where residual moisture exceeds limits stated in 3.1.B.
 10. Un-caulked nail holes.
- G. Pressure washing and surface preparation methods
 1. Pressure wash or water blast to remove oil, grease, dirt, loose mill scale, and

loose paint at pressures of 2500-3500 p.s.i. at a flow of 3.0-3.5 gallons per minute.
This is the recommended standard for optimal efficiency.

- H. Prior to application of prime/finish interior and/or exterior coat systems, provide a clean, sound surface free of dust, dirt contaminants, mildew and efflorescence by use of a power wash and hand scraping or use of mechanical grinders where necessary. Additionally, areas are to be scrubbed with a bristle brush to insure complete removal of any residual salts. Remove all labels, stickers, price tags, etc. from surfaces before priming. Wood areas stamped with ink codes must be spot primed with blocking primers. Power wash areas to be coated to ensure that new salt deposits do not occur. Failure to do so may cause adhesion issues or result in delamination and invalidate any manufacturer warranty given or implied. After cleaning if there is still chalk evident, this condition must be brought to the owner's attention in writing before any further work is done.
- I. Cementitious Substrates: (concrete, stucco, masonry) Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
 - 1. Wire brush all loose and peeling paint and dust all surfaces before spot priming or applying finish coats. Industry standards apply to applications of cracks, voids, and repairs. Any areas of repair shall be patched and dried before coatings are applied. Cracks should be repaired as follows: 1. Cracks less than $\frac{1}{4}$ " wide should be filled using Stucco Patch by Rapid Set. 2. Cracks wider than $\frac{1}{4}$ " should be cut and scraped to a "V" shape and filled with Stucco Patch by Rapid Set (See Attached Data Sheet). Large cracks and holes may require repeated applications of patching materials to bring flush with adjacent substrate. Feather-in all repairs and caulking to blend with adjacent substrate.
 - 2. Large holes in stucco / plaster/ concrete will be patched with Stucco Patch by Rapid Set Patching Compound in appropriate texture to blend with existing texture. Allow stucco patch to cure to acceptable pH level (10) prior to application of prime/finish coat systems. Caulk large cracks in stucco / plaster/ cement with Dunn Edwards DEC- 920.
 - 3. Spot prime over all patched areas, cracks, and holes then use an appropriate topping material to match existing surface level and texture.
- J. All Steel Substrates: Remove rust, loose mill scale, and shop primer if any. Clean using methods recommended in writing.
 - a. SSPC-SP 1, "Solvent Cleaning."
 - b. SSPC-SP 2, "Hand Tool Cleaning."
 - c. SSPC-SP 3, "Power Tool Cleaning."
 - 1. All ferrous metals should be thoroughly cleaned and all loose rust or mill scale be removed by wire brush, scraper and/or power tool, such as an electric drill with a wire brush attachment. Any rust spots or bare metal should receive the appropriate prime coat. Rust inhibited primer to be applied on all properly prepared surfaces where rust is evident. Any hard, glossy surfaces should be dulled. Previously painted ferrous metal in sound condition should be washed down with a strong detergent-type cleaner such as Krud-Kutter or Simple Green.
 - 2. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material

as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.

3. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.
 - a. All galvanized gutters and flashing should be thoroughly cleaned to remove loose and peeling paint.
 - b. Any bare galvanized metal should be wiped down with a non-petroleum solvent cleaner.
 - c. Prime bare metal with the specified galvanized metal primer.
 - d. Any rust on galvanized metal must be removed. Clean to bare metal and apply a rust inhibitive primer.
4. Aluminum Substrates: Remove loose surface oxidation.

K. Wood Substrates:

1. All deteriorated or delaminated substrates (i.e. wood, hardboard siding, T1-11) shall be replaced. Scrape and clean knots. Before applying primer, apply coat of knot sealer recommended in writing by topcoat manufacturer for interior and/or exterior use in paint system indicated.
2. Sand and dust surfaces that will be exposed to view.
3. Prime edges, ends, faces, undersides, and backsides of wood.
4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.
5. Spot prime all patched and filled areas as well as any new wood with the appropriate primer or sealer as stated in the Finish Schedule.

3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and recommendations.
 1. Use applicators and techniques suited for paint and substrate indicated.
 2. The number of coats scheduled is the minimum number of coats required. Additional coat(s) shall be applied at no additional cost to the Owner, to completely hide base material, provide uniform color, and to produce satisfactory finish results.
 3. Apply coatings without thinning except as specifically required by label directions, or required by these specifications. In such cases, thinning shall be the minimum reduction permitted.
 4. Paint surfaces behind movable items same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed items with prime coat only.
 5. Paint both sides and edges of interior and/or exterior doors and entire exposed surface of interior and/or exterior door frames.
 6. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- B. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- C. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

- E. Block Fillers: Provide block fill as scheduled to conform to the following PDCA Standard P12-05.
 - a. Level 3 - Premium fill: One or multiple coats of high performance block filler manufactured to be applied at a high dry film build. Block filler shall be back-rolled to eliminate voids and reduce the majority of the masonry profile depth.
- F. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
 - 1. Paint the following work where exposed to view:
 - a. Equipment, including panel boards.
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.

4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 - 1. Contractor shall touch up and restore painted surfaces damaged by testing.
 - 2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by owner's agent, and leave in an undamaged condition.
- D. At completion of activities of other trades, touch up and restore damaged or defaced painted surfaces.
- E. Remove, clean and reinstall all signage

6 EXTERIOR PAINTING SCHEDULE

SPECIAL INSTRUCTIONS FOR PREPARATION AND APPLICATION OF PAINT:

1. After completion of Surface Preparation all work to be inspected by Owner or Owner's representative prior to painting.
2. Upon completion of any and all prime coats, work will be inspected prior to finish coats.
3. All work will be inspected after the 1st Finish Coat is applied.
4. After 2nd Finish Coat is applied, all work will be inspected for Final Approval of Work.
5. DO not paint FRP doors.
6. Do not paint light fixtures
7. Do not paint exposed concrete at pool bleachers
8. Clear plants between storage containers.
9. Remove stickers from doorstops and clean.

NOTE: ALL INSPECTIONS TO BE COMPLETED BY OWNER OR OWNER'S REPRESENTATIVE.

District Standard Colors for Evergreen Valley High School:

Dunn-Edwards

DEC 760 Desert Gray (Blds A, B, & P)

DE 6110 Warm Hearth (Bld M, Bld G, & Accent Wall Bld P)

DE 6068 Cobblestone Path (Bld F)

DE 6165 Toasted Marshmallow (Bld D, E1, & E2)

DE 6264 Fair Spring (Bld C, Bld J, & Accent Wall)

DE 6360 Foil (Bld P Gutters)

93-2223MA-09 Evergreen Colvians (Doors, Columns, Metal Frames, Gates, Handrails, & Trim)

11-188U-07 Dark Teal / ESUSD (Accent Color)

- A. Prepare, paint and finish all surfaces specified and agreed upon.
- B. Provide paint finishes of even uniform color, free from cloudy or muddled appearance. Properly correct all non-complying work to the satisfaction of owner and owner's representative and the representative of the paint manufacturer.

C. Paint application finish schedule: _

Previously Painted Plaster, Concrete and Stucco

First Coat:	SURFACO, Int./Ext. Chalk-Binding Primer (SFSL00)
Second Coat:	ENDURALASTIC 5, Elastomeric Wall Coating (EDLV10) <i>(spray and back roll needed)</i> <i>Note:</i> Airless spray application of ENDURALASTIC 5 must be "pinhole-free" and have a dry film thickness of 11-13 mils.
Third Coat:	EVERSHIELD, Exterior /Interior Eggshell Paint (EVSH30 Series)

CMU

Spot Prime: Smooth BLOCFIL Premium (SBPR00)
First Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series) (***back roll needed***)
Second Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)

Wood Siding and Soffits

First Coat: EZ-PRIME Premium Exterior Wood Primer (EZPR00)
Second Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)
Third Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)

Wood Surfaces, Trim and Siding

First Coat: EZ-PRIME Premium Exterior Wood Primer (EZPR00)
Second Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)
Third Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)

Galvanized Metal Gutters, Downspouts, Flashing, Trim, Ductwork, Piping & Conduit

Pretreatment: Krud Kutter Metal Etch
First Coat: ULTRA-GRIP Premium, Int./Ext. Multi-Surface Primer
(UGPR00)

(for galvanized metal)
Second Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)
Third Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)

Ferrous Metal Piping, Conduit, Mech. Curb & Equipment

First Coat: BLOC-RUST Premium, Int./Ext. Rust Preventative Metal
Primer (BRPR00)
Second Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)
Third Coat: EVERSIELD, Exterior /Interior Eggshell Paint
(EVSH30 Series)

Metal Poles and Horizontal Connections at Driveway Fencing

First Coat: GALV-ALUM Premium Int./Ext. Non-Ferrous Metal Primer
(GAPR00)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss
(EVSH50)

Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
 (EVSH50 Series)

- D. For lead safety refer to 3.2 B. and Dunn-Edwards PI sheets under Special Instructions.**

END OF PAINTING SPECIFICATION

April 16, 2018

Evergreen Valley High
School
3300 Quimby Rd,
San Jose, CA 95148

East Side Union High School District
830 North Capitol Ave
San Jose, CA 95133

Volume #2 of #2

APPENDIX # 2
OUTLINE SPECIFICATION

Addendum No. 1

Division 09: Exterior Paint Specification – Deductive Alternate #1

PAINTING SPECIFICATION

PART 1 - GENERAL

1 SUMMARY

- A. Section includes surface preparation and the application of paint systems on
 - 1. EXTERIOR substrates.
 - 2. The following EXTERIOR substrates:
 - Concrete / Stucco
 - Concrete masonry units (CMU)
 - Plywood T1-11
 - Wood Trim
 - Metal Doors

- B. The location of the work to be performed is:
 - Evergreen Valley High School
 - (See Project Drawings For Work Areas)**

 - 3300 Quimby Rd,
San Jose, CA 95133

2 DEFINITIONS

- A. Gloss Level 1: Not more than 5 units at 60 degrees and 10 units at 85 degrees, according to ASTM D 523.
- B. Gloss Level 2: Not more than 10 units at 60 degrees and 35 units at 85 degrees, according to ASTM D 523
- C. Gloss Level 3: 10 to 25 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D 523.
- D. Gloss Level 4: 20 to 35 units at 60 degrees and not less than 35 units at 85 degrees, according to ASTM D 523.
- E. Gloss Level 5: 35 to 70 units at 60 degrees, according to ASTM D 523.
- F. Gloss Level 6: 70 to 85 units at 60 degrees, according to ASTM D 523.
- G. Gloss Level 7: More than 85 units at 60 degrees, according to ASTM D523.
- H. EG: Ethylene Glycol. Ethylene glycol is listed as a hazardous air pollutant (HAP) by the U.S. EPA
- I. Blocking: Two painted surfaces sticking together such as a painted door sticking to a painted jamb.
- J. RAVOC: Reactivity adjusted VOC 'Reactivity' means the ability of a VOC to promote ozone formation.
- K. PDCA: Painting & Decorating Contractors of America www.pdca.org
- L. SSPC: Scopes of SSPC Surface Preparation Standards and Specifications. www.sspc.org
- M. Owner – usage of the term “Owner” shall be construed to mean the actual owner of the Property or a duly authorized representative of the owner.
- N. Property – usage of the term “Property” shall be construed to mean the property location identified in paragraph 1.1 B. 1. of this specification at which location the work shall be performed.
- O. Painting Contractor – usage of the term “Contractor” shall be construed to mean the 3rd party contractor performing the painting portion of the project.

3 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.
- B. Samples for Initial Selection: For each type of topcoat product.
- C. Samples for Verification: For each type of paint system and each color and gloss of topcoat.

1. Submit Samples on rigid backing, no smaller than 7 inches by 10 inches (177.8 mm by 254 mm) or larger than 8.5 inches by 11 inches (215.9 mm by 279.4 mm).
 2. Label each Sample for project, owner's agent, general contractor, painting contractor, paint color name and number, paint brand name, "P" number if applicable, and application area.
- D. Product List: For each product indicated, include the following:
1. Cross-reference to paint system and locations of application areas.
 2. VOC content.

4 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials from the same product run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Ten [10] percent, but not less than [1 gal. (3.8 L)] of each material and color applied.

5 QUALITY ASSURANCE

- A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
1. Owner's agent will select one surface to represent surfaces and conditions for application of each paint system specified in Part 3.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
 - b. Other Items: owner's agent will designate items or areas required.
 2. Final approval of color selections will be based on mockups.
 - a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by owner's agent at a cost to be agreed upon by Contractor and Owner.
 3. Approval of mockups does not constitute approval of deviations from the paint systems indicated unless owner's agent specifically approves such deviations in writing.
 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

6 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C) or more than 120 deg F (49 deg C).

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Remove rags and waste from storage areas daily.

7 FIELD CONDITIONS

- A. Surfaces must be clean and moisture free. Prime and paint as soon as possible. Do not apply paints in snow, rain, fog, or mist. No painting shall be done immediately after rain or foggy weather or when the temperature is below 50 °F. Substrate temperature must be 5 °F or more above dew point temperature while painting and during the coating's cure time. Avoid painting surfaces while they are exposed to a full, hot sun.
- B. Painting contractor should follow proper painting practices and exercise judgment based on his or her experience and project specific conditions as to when to proceed.

PART 2 - PRODUCTS

1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide products manufactured or distributed by the Dunn-Edwards Corporation.

2 PAINT, GENERAL

- A. Material Compatibility:
 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.
- B. VOC Content: Provide materials that comply with VOC limits of authorities having jurisdiction.
- C. Colorants: The use of colorants containing hazardous chemicals, such as ethylene glycol, is prohibited.
- D. Colors: As Selected by owner's agent from manufacturer's full range.
 1. Where color is selected prior to bid submittal, Contractor shall bid [one (1)], [two (2)], or more finish coats, as appropriate to the color selected, and shall expressly state number of finish and prime coats and type (full or spot) of prime coat.
 2. When the final color has not been selected prior to bid submittal, Contractor may need to bid additional coats when submitting their bid. The Owner should be aware that if a color is chosen following the bid process and the color is significantly different from original color, a change order for an additional finish coat might be required.

3 SOURCE QUALITY CONTROL

- A. Testing of Paint Materials: Owner reserves the right to invoke the following procedure.
1. Owner may engage the services of a qualified testing agency to sample paint materials. Contractor will be notified in advance and may be present when samples are taken. If paint materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
 2. Testing agency will perform tests for compliance with product requirements.
 3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove non-complying paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will comply with requirements to use compatible products and systems as described in Paragraph 2.2.A. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

PART 3 - EXECUTION

1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
- Exterior Substrates:
1. Concrete: 11 percent or less.
 2. Masonry (Clay and CMU): 11 percent or less.
 3. Wood: 15 percent or less.
 4. Plaster: 5 percent or less.
- C. Portland Cement Plaster Substrates: Verify that plaster is fully cured, including pH testing to determine that alkalinity is within limits established by the manufacturer.
- D. Interior and/or exterior Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
- E. Concrete floors require a calcium chloride test to measure hydrostatic pressure. Consult floor coating manufacturer with test results prior to beginning surface preparation.
- E. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- F. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Application of coating indicates acceptance of surfaces and conditions.

2 PREPARATION

- A. Comply with manufacturer's written instructions applicable to substrates and paint systems indicated.
- B. Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call EPA's National Lead Information Hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or/asbestos, or contact your state or local Health Department.
- C. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.
- D. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
 1. Remove incompatible primers and re-prime substrate with compatible primers or apply bond coat as required to produce paint systems indicated.
- E. Where mildew is present, remove mildew by scrubbing with a commercial mildew remover, or, with a solution of one (1) part household bleach mixed in three (3) parts water by volume. The solution should be left on the surface for a minimum of twenty (20) minutes, rinsed thoroughly with clean water to remove any residue, and then allowed to dry completely prior to application of patching/caulking/prime/finish coat systems.
- F. Moisture: All areas that may cause paint failure due to moisture shall be addressed and eliminated. This would include, but is not limited to:
 1. Gutters and downspouts not working properly.
 2. Previous coats of paint not adhering properly.
 3. Wood checking (cracks and splits in wood).
 4. Deteriorated caulking.
 5. Gaps between substrates.
 6. Rotten wood.
 7. Areas affected by water splashing.
 8. Painting in inclement weather.
 9. Painting a substrate where residual moisture exceeds limits stated in 3.1.B.
 10. Un-caulked nail holes.
- G. Pressure washing and surface preparation methods
 1. Pressure wash or water blast to remove oil, grease, dirt, loose mill scale, and

loose paint at pressures of 2500-3500 p.s.i. at a flow of 3.0-3.5 gallons per minute.
This is the recommended standard for optimal efficiency.

- H. Prior to application of prime/finish interior and/or exterior coat systems, provide a clean, sound surface free of dust, dirt contaminants, mildew and efflorescence by use of a power wash and hand scraping or use of mechanical grinders where necessary. Additionally, areas are to be scrubbed with a bristle brush to insure complete removal of any residual salts. Remove all labels, stickers, price tags, etc. from surfaces before priming. Wood areas stamped with ink codes must be spot primed with blocking primers. Power wash areas to be coated to ensure that new salt deposits do not occur. Failure to do so may cause adhesion issues or result in delamination and invalidate any manufacturer warranty given or implied. After cleaning if there is still chalk evident, this condition must be brought to the owner's attention in writing before any further work is done.
- I. Cementitious Substrates: (concrete, stucco, masonry) Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
 - 1. Wire brush all loose and peeling paint and dust all surfaces before spot priming or applying finish coats. Industry standards apply to applications of cracks, voids, and repairs. Any areas of repair shall be patched and dried before coatings are applied. Cracks should be repaired as follows: 1. Cracks less than $\frac{1}{4}$ " wide should be filled using Stucco Patch by Rapid Set. 2. Cracks wider than $\frac{1}{4}$ " should be cut and scraped to a "V" shape and filled with Stucco Patch by Rapid Set (See Attached Data Sheet). Large cracks and holes may require repeated applications of patching materials to bring flush with adjacent substrate. Feather-in all repairs and caulking to blend with adjacent substrate.
 - 2. Large holes in stucco / plaster/ concrete will be patched with Stucco Patch by Rapid Set Patching Compound in appropriate texture to blend with existing texture. Allow stucco patch to cure to acceptable pH level (10) prior to application of prime/finish coat systems. Caulk large cracks in stucco / plaster/ cement with GE-Life Time 920.
 - 3. Spot prime over all patched areas, cracks, and holes then use an appropriate topping material to match existing surface level and texture.
- J. All Steel Substrates: Remove rust, loose mill scale, and shop primer if any. Clean using methods recommended in writing.
 - a. SSPC-SP 1, "Solvent Cleaning."
 - b. SSPC-SP 2, "Hand Tool Cleaning."
 - c. SSPC-SP 3, "Power Tool Cleaning."
 - 1. All ferrous metals should be thoroughly cleaned and all loose rust or mill scale be removed by wire brush, scraper and/or power tool, such as an electric drill with a wire brush attachment. Any rust spots or bare metal should receive the appropriate prime coat. Rust inhibited primer to be applied on all properly prepared surfaces where rust is evident. Any hard, glossy surfaces should be dulled. Previously painted ferrous metal in sound condition should be washed down with a strong detergent-type cleaner such as Krud-Kutter or Simple Green.
 - 2. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material

as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.

3. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.
 - a. All galvanized gutters and flashing should be thoroughly cleaned to remove loose and peeling paint.
 - b. Any bare galvanized metal should be wiped down with a non-petroleum solvent cleaner.
 - c. Prime bare metal with the specified galvanized metal primer.
 - d. Any rust on galvanized metal must be removed. Clean to bare metal and apply a rust inhibitive primer.
4. Aluminum Substrates: Remove loose surface oxidation.

K. Wood Substrates:

1. All deteriorated or delaminated substrates (i.e. wood, hardboard siding, T1-11) shall be replaced. Scrape and clean knots. Before applying primer, apply coat of knot sealer recommended in writing by topcoat manufacturer for interior and/or exterior use in paint system indicated.
2. Sand and dust surfaces that will be exposed to view.
3. Prime edges, ends, faces, undersides, and backsides of wood.
4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.
5. Spot prime all patched and filled areas as well as any new wood with the appropriate primer or sealer as stated in the Finish Schedule.

3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and recommendations.
 1. Use applicators and techniques suited for paint and substrate indicated.
 2. The number of coats scheduled is the minimum number of coats required. Additional coat(s) shall be applied at no additional cost to the Owner, to completely hide base material, provide uniform color, and to produce satisfactory finish results.
 3. Apply coatings without thinning except as specifically required by label directions, or required by these specifications. In such cases, thinning shall be the minimum reduction permitted.
 4. Paint surfaces behind movable items same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed items with prime coat only.
 5. Paint both sides and edges of interior and/or exterior doors and entire exposed surface of interior and/or exterior door frames.
 6. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- B. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- C. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

- E. Block Fillers: Provide block fill as scheduled to conform to the following PDCA Standard P12-05.
 - a. Level 3 - Premium fill: One or multiple coats of high performance block filler manufactured to be applied at a high dry film build. Block filler shall be back-rolled to eliminate voids and reduce the majority of the masonry profile depth.
- F. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
 - 1. Paint the following work where exposed to view:
 - a. Equipment, including panel boards.
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.

4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 - 1. Contractor shall touch up and restore painted surfaces damaged by testing.
 - 2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by owner's agent, and leave in an undamaged condition.
- D. At completion of activities of other trades, touch up and restore damaged or defaced painted surfaces.
- E. Remove, clean and reinstall all signage

6 EXTERIOR PAINTING SCHEDULE

SPECIAL INSTRUCTIONS FOR PREPARATION AND APPLICATION OF PAINT:

1. After completion of Surface Preparation all work to be inspected by Owner or Owner's representative prior to painting.
2. Upon completion of any and all prime coats, work will be inspected prior to finish coats.
3. All work will be inspected after the 1st Finish Coat is applied.
4. After 2nd Finish Coat is applied, all work will be inspected for Final Approval of Work.
5. DO not paint FRP doors.
6. Do not paint light fixtures
7. Do not paint exposed concrete at pool bleachers
8. Clear plants between storage containers.
9. Remove stickers from doorstops and clean.

NOTE: ALL INSPECTIONS TO BE COMPLETED BY OWNER OR OWNER'S REPRESENTATIVE.

District Standard Colors for Evergreen Valley High School:

Dunn-Edwards

DEC 760 Desert Gray (Blds A, B, & P)

DE 6110 Warm Hearth (Bld M, Bld G, & Accent Wall Bld P)

DE 6068 Cobblestone Path (Bld F)

DE 6165 Toasted Marshmallow (Bld D, E1, & E2)

DE 6264 Fair Spring (Bld C, Bld J, & Accent Wall)

DE 6360 Foil (Bld P Gutters)

93-2223MA-09 Evergreen Colvians (Doors, Columns, Metal Frames, Gates, Handrails, & Trim)

11-188U-07 Dark Teal / ESUSD (Accent Color)

- A. Prepare, paint and finish all surfaces specified and agreed upon.
- B. Provide paint finishes of even uniform color, free from cloudy or muddled appearance. Properly correct all non-complying work to the satisfaction of owner and owner's representative and the representative of the paint manufacturer.
- C. Paint application finish schedule: _

Previously Painted Plaster, Concrete and Stucco

Spot Prime: EFF-STOP Premium, Masonry Primer/Sealer (ESPR00)

First Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series) **(back roll needed)**
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Note: On bare or new stucco and concrete use a full prime.

CMU

Spot Prime: Smooth BLOCFIL Premium (SBPR00)
First Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series) (***back roll needed***)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Wood Siding and Soffits

First Coat: EZ-PRIME Premium Exterior Wood Primer (EZPR00)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)
Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Wood Surfaces, Trim and Siding

First Coat: EZ-PRIME Premium Exterior Wood Primer (EZPR00)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)
Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Galvanized Metal Gutters, Downspouts, Flashing, Trim, Ductwork, Piping & Conduit

Pretreatment: Krud Kutter Metal Etch
First Coat: ULTRA-GRIP Premium, Int./Ext. Multi-Surface Primer
(UGPR00)

(for galvanized metal)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)
Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Ferrous Metal Piping, Conduit, Mech. Curb & Equipment

First Coat: BLOC-RUST Premium, Int./Ext. Rust Preventative Metal
Primer (BRPR00)
Second Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)
Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
(EVSH50 Series)

Metal Poles and Horizontal Connections at Driveway Fencing

First Coat: GALV-ALUM Premium Int./Ext. Non-Ferrous Metal Primer
(GAPR00)
Second Coat: EVERSIELD, Exterior /Interior SPaint(EVSH50

Third Coat: EVERSIELD, Exterior /Interior Semi-Gloss Paint
 (EVSH50 Series)

- D. For lead safety refer to 3.2 B. and Dunn-Edwards PI sheets under Special Instructions.**

END OF PAINTING SPECIFICATION