



**LUNDGREN
MANAGEMENT CORP.**
Construction Consulting and Management

Distribution to:
OWNER: Mike Otavka
ARCHITECT: Ruhnau Clarke Architects
CONTRACTOR: Castaic High School Construction Inc
FIELD:

**CHANGE ORDER
No. 00006**

Page 1 of 1

TITLE: Combined Changes

DATE: 5/28/2020

CONTRACT #: 2242301

PROJECT: Castaic High School - Increment 2

TO: Brooke Rege
Castaic High School Construction Inc
21070 Centre Pointe Parkway
Santa Clarita, CA 91350

Arch. Proj. #: 19801
DSA#: 03-115045
File #: 19-H28
Jobsite: Castaic HS
21515 Centre Pointe Parkway
Santa Clarita, CA 91350

FROM: WS Hart Union HS District

See attached description of changes.

	Total:	\$308,223.00
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The Original Contract Sum was		\$126,242,938.22
Net Change by Previously Authorized Requests and Changes		\$5,427,304.00
The Contract Sum Prior to This Change Order was		\$131,670,242.22
The Contract Sum Will be Increased		\$308,223.00
The New Contract Sum Including This Change Order		\$131,978,465.22

The amounts indicated above represent the entire adjustment of the Contract Sum for the work covered under this Change Order. Such adjustment represents all direct and indirect costs of the Contractor in performing or providing the work described above, including, without limitation, costs of labor, materials and/or services, and any and all impacts, disruptions, interferences, delays or hindrances in the performance or providing of the foregoing items or in the Work of the Contract.

Except for adjustments of the Contract Time and the Contract Sum as provided for herein, there shall be no other adjustments of the Contract Time or the Contract Sum directly or indirectly relating to or arising out of the work subject to this Change Order.

Not valid until signed by the Owner.

Signature of the Contractor indicates his agreement herewith, including and adjustment in the Contract Sum or Contract Time.

ACCEPTED:

Ruhnau Clarke Architects

DATE

WS Hart Union HS District

DATE

Lundgren Management

DATE

Castaic High School Construction Inc

DATE

ITEM #1: SITE ENTRY STRUCTURAL CAISSON CAGES

Costs associated with field modifications to the site entry structural caisson cages to allow clearance for the structural steel base plates in accordance with the response to RFI 870.

TOTAL COST: \$4,764.00

Ref: CHSC COR 165.1, RFI 870

ITEM #2: MODIFICATIONS TO HEAD OF TRANSLUCENT WALL SYSTEMS

Costs associated with added nested studs and z-flashing at the head condition of the translucent wall systems along the North and East elevations of Building 300, in accordance with the response to RFI 902 series. Costs include credit for deleted aluminum trim.

TOTAL COST: \$6,167.00

Ref: CHSC COR 216.1, RFI 902 series

ITEM #3: ADDED FIRE RATED MECHANICAL SHAFT IN BUILDING 900

Costs associated with added 1-hour rated mechanical shaft enclosure in order to close off one deck opening in the low roof of Building 900 near grid line M/7, in accordance with the response to RFI 1014. Opening was provided as indicated on the plans; however, since the mechanical unit was a side-shot unit, the opening was not needed. There was a fire rated wall located at the opening, so the opening needed to be enclosed and fire-rated to achieve a 1-hour rating for the partition.

TOTAL COST: \$2,869.00

Ref: CHSC COR 232.1, RFI 1014

ITEM #4: PLASTER CAP AT MAIN ENTRANCE WALL

Costs associated with added precast limestone plaster foam cap at entry site wall, in accordance with AFO 92 and RFI 1295. No product or detail was specified for the wall cap.

TOTAL COST: \$25,701.00

Ref: CHSC COR 283.1, RFI 1295, AFO 92

ITEM #5: BUILDING 900 EXTERIOR WALL PLYWOOD

Costs associated with changing specified plywood at the curved exterior wall of Building 900 to fire-rated plywood. Wall was required by DSA to be fire rated and the specified and indicated materials could not achieve the fire rating.

TOTAL COST: \$7,002.00

Ref: CHSC COR 293, RFI 1199

ITEM #6: REVISED FINISH COLORS AND MATERIALS

Costs associated with revisions to finish colors and materials throughout the project as discussed with District and in accordance with AFO 105S. Cost includes adds for new material selections and credits for originally specified materials.

TOTAL COST: \$72,463.00

Ref: CHSC COR 346.1, AFO 105S

ITEM #7: ADDITIONAL REBAR FOR RAMP WALLS TO BASKETBALL COURTS

Costs associated with additional rebar for revised ramp walls in accordance with RFI 1003 series. Walls were increased in size due to requirement for retaining walls in lieu of curbs indicated.

TOTAL COST: \$3,497.00

Ref: CHSC COR 348.1, RFI 1003 Series

ITEM #8: SLAB-ON-GRADE DEMO AT BUILDING 200 STAIR #3

Costs associated with removal of existing slab-on-grade at Stair #3 of Building 200. Structural drawings indicated a flat slab-on-grade. Since the roof in that area is open to the sky and rain there was ponding and no drainage of rainwater. Slab was replaced with sloping concrete.

TOTAL COST: \$23,143.00

Ref: CHSC COR 349, AFO 118

ITEM #9: BUILDING 900 ELEVATOR DOOR CHANGE

Costs associated with resizing the elevator door frame to fit space between structural steel and relocation of door opening to corridor 949 for code compliance in accordance with Submittal 099-142010.00-1.000. Work includes revisions to framing and relocation of previously installed electrical work.

TOTAL COST: \$5,423.00

Ref: CHSC COR 350

ITEM #10: UNCLOGGED GIRLS TOILET IN BUILDING 500

Costs associated plumbing contractor's service call to investigate a sewer blockage in Girls Restroom 525. Blockage was determined to be from feminine product plastic applicator. In order for the blockage to be cleared, it was necessary to remove the toilet and set it back in place.

TOTAL COST: \$1,248.00

Ref: CHSC COR 360

ITEM #11: ADDED CATCH BASIN NORTH OF BASKETBALL COURT

Costs associated with the installation of a 18"x18" catch basin on the north side of the basketball courts. No callout was shown on the drawings for the catch basin at this location. The addition of a catch basin was necessary to avoid water spillage from the v-ditch onto adjacent stairway.

TOTAL COST: \$2,573.00

Ref: CHSC COR 362, RFI 1231

ITEM #12: ADDITIONAL PLANTER WALL DRAINAGE SYSTEM FOR PLANTERS BETWEEN BUILDING 200 AND 900

Costs associated with the installation of French drains and weep holes at planters between Building 200 and 900 in accordance with the response to RFI 1422 series. Contract drawings did not specify a drainage system for planters between these buildings. Drainage system is necessary to avoid water saturation within planters.

TOTAL COST: \$21,313.00

Ref: CHSC COR 363, RFI 1422 series

ITEM #13: REVISED REFLECTED CEILING PLAN LAYOUT AT ENGINEERING LAB 801

Costs associated with revising ceiling panels (ACP-11) in Engineering Lab 801 to accommodate light fixture changes in RFI 555 and mechanical diffuser changes in Addendum 4, in accordance with the response to RFI 1284.

TOTAL COST: \$3,053.00

Ref: CHSC COR 367, RFI 555 and 1284

ITEM #14: ADDED TOUCH PANEL INTERFACE FOR GYM PA SYSTEM

Costs associated with adding a touch panel interface for the gymnasium PA system in accordance with the response to RFI 1278 as verified by the District.

TOTAL COST: \$2,125.00

Ref: CHSC COR 369, RFI 1278

ITEM #15: T-BAR CEILING BLOCKING FOR WINDOW SHADE IN ROOM 126

Costs associated with adding a "pocket" in the t-bar ceiling for the window shade in Room 125 in accordance with RFI 1326. Pocket was needed due to ceiling height being at the top of the window with no space to install the window shade.

TOTAL COST: \$1,078.00

Ref: CHSC COR 371, RFI 1326

ITEM #16: FIRE SPRINKLER CHANGES IN BUILDINGS 600 AND 1000

Costs associated adding pendant fire sprinklers to Rooms 601 and 606 due to the addition of a t-bar ceiling for those rooms. Work also includes additional revisions to Building 1000 fire sprinkler systems to accommodate building elements per CCD 57

TOTAL COST: \$17,547.00

Ref: CHSC COR 376, CCD 57

ITEM #17: GUARDRAIL ADDITIONS NEAR BUILDING 100 AND 300

Costs associated adding guardrails east of Building 100 per RFI 1365 and at the ADA ramp north of Building 300 per RFI 1374. Guardrails were needed for code compliance to prevent falls to lower adjacent grades.

TOTAL COST: \$17,844.00

Ref: CHSC COR 377; RFI's 1364 & 1374

ITEM #18: TRASH ENCLOSURE & RECYCLE ENCLOSURE GATES

Costs associated with revising the posts for the trash enclosure gates with base plates in lieu of the sleeves that were originally detailed and costs associated with detailing, fabrication and installation of recycle enclosure gates not called out in the contract drawings, in accordance with the response to RFI 1371 and RFI 1371.1.

TOTAL COST: \$11,858.00

Ref: CHSC COR 378; RFI 1371 series

ITEM #19: ADDED BACKING FOR AWP-5 ACOUSTICAL PANELS

Costs associated with added backing required for acoustical wall panels (AWP-5) in Drama Classroom 924, in accordance with the revised response to RFI 1257. No provision for backing

TOTAL COST: \$5,690.00

Ref: CHSC COR 380; RFI 1257

ITEM #20: AMBULATORY STALL LOCATION REVISIONS

Costs associated with relocating toilet and patching existing wall and floor work related to dimension changes for ambulatory stalls in Building 400 in accordance with the response to RFI 582.

TOTAL COST: \$8,590.00

Ref: CHSC COR 381; RFI 582

ITEM #21: REVISED REINFORCING FOR CMU CONTROL JOINTS

Costs associated with revisions made to reinforcing for CMU control joints as detail 1B/SO-2.4 was not shown, in accordance with the response to RFI 711. Additional rebar was necessary for code compliance.

TOTAL COST: \$7,078.00

Ref: CHSC COR 382; RFI 711

ITEM #22: PIPE BATTEN ATTCHMENT BOX-OUT FOR FIRE RATING

Costs associated with boxing out around the pipe batten wall attachment points in the Drama and TV Classrooms and a wall at the Stage in order to maintain wall ratings and finishes, in accordance with the response to RFI 1387.

TOTAL COST: \$8,689.00

Ref: CHSC COR 389; RFI 1387

ITEM #23: BUILDING 900 ROOF DRAIN GALVANIZED DOWNSPOUTS

Costs associated with changing Building 900 roof drain downspouts from cast-iron to galvanized steel pipe in accordance with the response to RFI 1484. This change was necessary to provide a corrosion resistant material for exposed downspouts. Cost includes credit for originally specified work.

TOTAL COST: \$4,835.00

Ref: CHSC COR 390; RFI 1484

ITEM #24: ADDED HANDRAIL AT THE WEST SIDE OF TENNIS COURT

Costs associated with additional ADA handrail at the West Side of the Tennis Courts to meet slopes and ADA with the existing conditions, in accordance with the emails enclosed. Additional handrails were added to avoid substantially higher costs of adding retaining wall work to account for grade changes outside of the tennis court.

TOTAL COST: \$11,658.00

Ref: CHSC COR 391

ITEM #25: BUILDING 700 EXPANSION JOINT REVISIONS

Costs associated with revisions made to the expansion joint between Building 700A and the Work Yard. Revisions include filling the form liner sections with grout in order to create a smooth/flat surface for the expansion joint material, add framing angles at roof and deck edges and add parapet wall to accommodate termination of roofing. All in accordance with the responses to RFI 1386 Series.

TOTAL COST: \$9,386.00

Ref: CHSC COR 392; RFI 1386 series

ITEM #26: ADDED DRYWALL TO CONCEAL STEEL AT DRAMA CLASSROOM

Costs associated with adding a second layer of drywall on the east wall of Drama Room 924 in order to conceal HSS columns sized too large for wall type, in accordance with the response to RFI 1395.

TOTAL COST: \$2,411.00

Ref: CHSC COR 393; RFI 1395

ITEM #27: ADDED WIRELESS MONITORING DEVICES AT ADDED BACKFLOW ASSEMBLIES

Costs associated with added wireless tampering monitoring devices for (2) fire water backflow assemblies that were added after the bid. The backflow devices are required by code to be monitored by the campus fire alarm system. Due to the distance from any building to the backflow assemblies which were added at parking lots D&E, a wireless monitoring device was directed to be installed at each backflow assembly in accordance with AFO 160 and CCD 70.

TOTAL COST: \$18,227.00

Ref: CHSC COR 392; RFI 1386 series

NET TOTAL COSTS: \$306,232.00

Bond (0.65%): \$1,991.00

TOTAL COST: \$308,223.00