



March 19, 2018

Robert Clark
Mountain View Whisman School District
750-A San Pierre Way
Mountain View, CA 94043

RE: Change Order #4 Justification: Mariano Castro/Mistral Elementary School Phase 2 New Construction Project - BHM Construction Inc.- Mountain View Whisman School District

Castro/ Mistral Elementary School Phase 2 New Construction Project – DSA APP #: 01-115493

Item # 1 – Added Stainless Steel Casing at Roll Up Door in MUR (CPE 12r1)

This change is due to a design revision. To provide a more durable finish at the wall of the roll up door at the food service window in the MUR, at stainless steel jamb and head were added to the opening with a finish to match the roll up door. **\$1,749**

Item # 2 – Structural and Footing Changes at the Library Conference Room (CPE 21r1)

This change is the result of a District request. At the request of the District the walls at the conference room in the Library were removed from the project. The deleted was a shear wall. To provide the required seismic support for the building a brace frame was added to an adjacent wall which required additional steel and a larger footing. The cost for item no. 2 is the additional cost for the structural changes offset by the credit for the deleted wall framing and finishes. **\$2,654**

Item # 3 – Delete 7 Sliding Glass Doors between Classrooms in Kinder Building (CPE 35)

This change is due to a District request. At the request of the District the sliding glass doors shown between classrooms at the kinder building were deleted. **(\$9,883)**

Item # 4 – Added Locking Drawers at the Reception Counter (CPE 44)

This change is the result of a design revision and District request. To provide additional storage at the reception counter in the administration building, additional locking drawers were added below the reception counter. **\$955**

Item # 5 – Add Auxiliary Fire Sprinkler Drain at Building A (CPE 46)

This change is the result of a jurisdictional request. During a field visit from the Division of the State Architect (DSA) field engineer, the engineer required an auxiliary fire sprinkler drain be added to a low spot in the fire sprinkler piping at building A. **\$951**

Item # 6 – Relocate Fire Sprinkler Branch Line in Multi-Use Building (CPE 47)

This change is the result of a design revision. To conceal fire sprinkler piping above the main entrance to the MUR building to provide a more pleasing aesthetic appearance, a fire sprinkler branch line was relocated above the framing for the covered canopy structure. The cost for this item includes the labor and material required to reroute the piping. **\$924**

Item # 7 – Provide Additional Kitchen Equipment (CPE 56r1)

This change is due to a design revision and a District request. At the time of bid, it was unclear which of the existing kitchen equipment was going to be utilized in the new building and as a result several items were shown as owner furnished, contractor installed. As the District and design team determined which items would be reused, it became necessary for the contractor to purchase additional kitchen equipment originally shown as owner furnished, to have a complete working kitchen. The cost of that equipment is included in item no. 7. **\$77,538**

Item # 8 – Added Flat Metal Strap for Attachment of Stucco Control Joint (CPE 63)

This change is due to a design revision. The detail provided at the transition between the first and second floor at the 2 story classroom buildings did not include adequate attachment for the stucco control joint which was to be installed over the metal framing. To provide a point of attachment, flat metal strapping was added to the metal framing at the exterior walls of the 2 story classroom buildings between the first and 2nd floors. **\$6,806**

Item # 9 – Enlarge Mechanical Closets at the Classroom Building (CPE 65)

This change is due to a design revision. During construction it was determined that the mechanical closets in each of the building C classrooms were not going to be large enough to house the mechanical units, controls and necessary access needed to maintain the units in the future. As a result, the mechanical closet in each classroom in building C was enlarged by 18” which required additional metal stud framing and drywall. **\$5,685**

Item # 10 – Provide One Additional Data Jack at Each TV Location (CPE 67.1)

This change is due to a District request and a design revision. To provide a network connection for the District’s Kramer wireless video connection device an additional data jack was added to each TV location. **\$5,562**

Item # 11 – Added Framing for Connection of Window Systems at Building C Storefronts (CPE 69)

This change is due to a design revision. To provide a more structurally sound attachment point for the storefront system and the classroom buildings additional metal stud framing was added to the window head. **\$1,592**

Item # 12 – Re-route Fire Sprinkler Piping through Beams at Building C (CPE 70)

This change is due to a design revision and a District request. The original design for the classroom building included running the fire sprinkler mains through the building corridors exposed to view below the stucco soffit. To conceal the piping above the stucco soffit to provide both a more pleasing aesthetic appearance and reduce the chances of vandalism due to the exposed piping, the piping was relocated above the stucco soffit. The relocation of the piping required holes to be cut through each of the perpendicular structural steel beams and those holes had to be reinforced with additional metal and bracing. The cost for item no. 12 includes the labor, material and equipment required to cut and reinforce the structural steel framing. **\$31,092**

Item # 13 – Add Fire Sprinklers below stage in the Multi-Use Building (CPE 78)

This change is the result of a jurisdictional request. During a field visit from the DSA field engineer, the engineer determined that the area below the stage in the multi-use building was an open space and would

require the installation of fire sprinklers. The cost included for item no. 13 includes the labor and material required to provide and install the additional sprinklers. **\$3,068**

Item # 14 – Lower Metal Decking and Supports at Building C Walkway (CPE 80r3)

This change is the result of an unforeseen condition and a design revision. Prior to concrete placement at the 2nd floor walkway of building C it was discovered that the height of the installed metal decking would not allow for the required minimum concrete depth of 2-1/2” due to the sloped deck. To provide adequate coverage, the decking had to be lowered over the majority of the 2nd floor walkway which required additional bracing and support. The cost of labor, materials and equipment required to complete this work is included in item no. 14. **\$82,889**

Item # 15 – Provide Pocket Tables for Multi-Use Building (CPE 82r1)

This change is the result of a design revision. The bid documents indicated the pocket tables in the MUR were to be owner furnished. However, those tables are integral to the construction and finish of the space. The contractor was asked to furnish and install the pocket tables. **\$46,481**

Item # 16 – Rooftop Ductwork Support (CPE 86)

This change is the result of a design revision. The rooftop duct support detail indicated attachment to building framing below. However, at several duct support locations, building framing did not fall directly below. To provide adequate support, additional framing was added to all locations which did not have structural steel below. **\$6,140**

Item # 17 – Added Flashing at Control Joints (CPE 87)

This change is the result of a design revision. The detail for the expansion joints in the building A, B, C, G and F stucco included a caulk joint for waterproofing. To provide a more water tight assembly that would hold up over time, flexible flashing was added behind each of the stucco expansion and control joints. The cost for item no. 17 includes the labor and material required to furnish and install the flexible flashing. **\$25,152**

Item # 18 – Additional Insulation and Venting for Building G Roof Deck (CPE 89r1)

This change is the result of a design revision. During the fire sprinkler submittal process for building G, it was discovered that the open space between the ceiling at the library building and the roof deck above would require fire sprinklers which would be quite costly. As a cheaper alternative, the design team gave the option to insulate the space between the ceiling and roof and provide venting. The cost for item no. 18 includes the labor and material required to install the added insulation and vent. **\$17,472**

Item # 19 – Offset at HVAC Ductwork to Avoid Conflict with Sprinkler Drains (CPE 90)

This change is the result of a jurisdictional request. As noted in item no. 5 above, DSA required a sprinkler drain to be added at building A. The addition of the drain created a conflict with HVAC ductwork. Since the sprinkler drain is a gravity line, the HVAC ductwork at 3 locations had to be offset around the sprinkler piping. **\$4,868**

Item # 20 – Add Radius Flashing at Building G Parapet Wall (CPE 97r1)

This change is the result of a design revision. To provide a more water tight assembly and prevent additional maintenance in the future, a radius sheet metal flashing and counter flashing were added to the intersection of the sloped roof deck and parapet wall at the Library building. **\$5,140**

Item # 21 – Sheet Metal Cap to Waterproof Corners of Covered Canopy (CPE 101)

This change is the result of a design revision. The bid documents did not include any details on how the intersection of metal decking at the inside and outside corners of the covered canopy were to be waterproofed. To provide the waterproofing a sheet metal cap was added at each of the inside and outside corner intersections of the 6' wide canopy. **\$4,598**

Item # 22 – Underground Conduit to Location of Future Marquee (CPE 102)

This change is the result of a District request. A future project for the District is the installation of marquees at each of the campuses. To keep costs on that project down, the underground conduit for the future marquee was installed under this project as the majority of the conduit run would be under pavement not yet installed on this project. **\$2,801**

Item # 23 – Add Convenience Outlet at Condenser Unit (CPE 105)

This change is the result of a design revision. Due to a conflict with existing steel framing a condensing unit at the classroom building had to be relocated to an adjacent roof. There was not charge to relocate the unit, however the code requires an electrical outlet to be placed within 10' of each mechanical unit for service. To comply with code, an electrical outlet was installed at the revised location of the condensing unit. **\$1,850**

Item # 24 – Relocate TV Rough in at Classrooms (CPE 106)

This change is the result of a District request. The bid documents indicated TVs were to be installed at 5'-4" to the top of the TV. To match TV height of classrooms from the phase 3 projects and create uniformity throughout the District, the TV's were raised to 7'-2". **\$7,469**

Total Change Order No. 4 – \$333,850.00

In our capacity as the District's Construction Manager we have completed a review of Change Order # 4.

The total Change Orders to date: **\$163,207.00**

This equates to 0.6% of the contract value. To date, BHM has completed 76% of the contract work.

There is \$2,229,193.00 remaining in the Change Order Contingency.

Based upon the review of the merit and the compensation, it is our recommendation that you approve this change order. If you have any question, please do not hesitate to call.

Sincerely,

Greystone West Company



Jason Cave

Project Manager

CHANGE ORDER

1483.00 - 0 - 1.8

**CO
004**

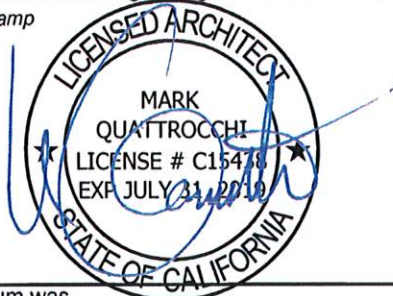
PROJECT: Castro & Mistral ES Phase 2
505 Escuela Avenue
Mountain View, CA 94040

Change Order No.	FOUR (004)
Project No.	1483.00
Initiation Date:	2/20/2018
Contract For:	Phase 2
Contract Date:	02/02/2017
DSA File No.	43-66
DSA App. No.	01-115493
OPSC App. No.	

CONTRACTOR: BHM Construction, Inc.
221 Gateway Rd. W, Ste. 405
Napa, CA 94558

You are directed to make the following changes in this contract: (Refer to Summary on following page)

Reserved for Architect's Stamp



The original Contract Sum was	\$ 23,924,000
Net change by previous Change Order 02/21/2018	(\$ 170,643)
The Contract Sum prior to this Change Order was	\$ 23,753,357
The Contract Sum will be INCREASED by this Change Order in the amount of	\$ 333,850
The new Contract Sum including this Change Order will be	\$ 24,087,207
The Contract Time will be UNCHANGED by this Change Order in the amount of	0 Days
The Date of Completion as of the date of this Change Order:	05/17/2018

Not valid until signed by both the Owner and the Architect.

Signature of the contractor indicates his approval herewith, including any adjustment in the Contract Sum or Contract Time.

The compensation (time and cost) set forth in this Change Order comprises the total compensation due the Contractor, all Subcontractors and all Suppliers, at all times, for the work or change defined in the Change Order, including all impact on unchanged work. By signing this Change Order the Contractor acknowledges and agrees, on behalf of themselves, all Subcontractors and all Suppliers, at all tiers, that the stipulated compensation includes payment for all work contained in the Change Order, plus all payment for the interruption of schedules, extended and unabsorbed overhead costs, delay, disruption, and all impact, ripple impact or cumulative impact on all work under this Contract. The signing of the Change Order indicates that the Change Order constitutes the total equitable adjustment owed the Contractor, all Subcontractor and all Suppliers, at all tiers, as a result of the change. The Contractor, on behalf of themselves, all Subcontractors and all Suppliers, at all tiers, agrees to waive all rights, without exception or reservation of any kind whatsoever to file any further claim related to this Change Order. No further claim or request for equitable adjustment of any kind whatsoever shall arise out of or as a result of this change or the impact of this change on the remainder of the work under this Contract.

By execution of this Change Order the Contractor specifically waives, relinquishes, and releases any and all rights under Section 1542 of the California Civil Code which reads as follows:

"A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY EFFECTED HIS SETTLEMENT WITH THE DEBTOR."

ARCHITECT	CONTRACTOR	OWNER
Quattrocchi Kwok Architects 636 Fifth Street Santa Rosa, CA 95404	BHM Construction, Inc. 221 Gateway Rd. W, Ste. 405 Napa, CA 94558	Mountain View Whisman School District 750-A San Pierre Way Mountain View, CA 94043
By:	By:	By:
Date:	Date: 2/23/18	Date:

PROJECT: Castro & Mistral ES Phase 2

Change Order No. FOUR (004)
 Project No. 1483.00
 Contract For: Phase 2
 DSA App. No. 01-115493

SUMMARY:

No.	Reference:	Description:	C.O.R. #	Amount	Calendar Days Added to Contract			
					DoC	M1	M2	M3
TOTALS:				\$ 333,850	0	0	0	0
1	AR 44	Added costs to supply and install SS frame at coil door per RF# 44	012.001	\$ 1,749	0			
2	RFP 8	Added costs for changes to Building G structural and footings per RFP#8	021.001	\$ 2,654	0	0	0	0
3	RFP 10	Added Credits and adds for deletion of the sliding doors at Building B	035	(\$ 9,883)	0	0	0	0
4	Submittal 56.1	Added costs for additional Drawers and Locks per submittal 56.1 response.	044	\$ 955	0			
5	AR 161	Added costs for AUX drain at BLDG A	046	\$ 951	0			
6	AR 134.2	Added costs to relocate main sprinkler pipe at BLDG F	047	\$ 924	0			
7		Added costs to install & supply kitchen equipment, including 6 burner range, sink and low temp dishwasher.	056.001	\$ 77,538	0	0	0	0
8	AR 196	Added costs to install backing for slip joint per RF# 272 response	063	\$ 6,806	0	0	0	0
9	AR 120.2	Added costs to install added framing to expand mech closets at Building C per RFI#120.2	065	\$ 5,658	0	0	0	0
10	AR 213r1	Added costs for additional data drops	067.001	\$ 5,526	0			
11	AR 108	Added costs for additional framing and drywall at storefronts per RFI# 108	069	\$ 1,592	0	0	0	0
12	AR 131.2 & CCD 45	Added costs to reroute FS through WF beams at Building C	070	\$ 31,092	0			
13	AR 258R	Added costs to install fire sprinklers below stage at building F	078	\$ 3,068	0			
14	RFI 174.4	Added costs to remove and lower decking at Walkways per RFI#174.4	080.003	\$ 82,889	0			
15	AR 191	Please see attached CPE#82r1 for the folding benches at building F. This revision has the correct number of wall pockets being credited by Apex.	082.001	\$ 46,481	0			
16	AR 260	Added costs to install duct supports	086	\$ 6,140	0			
17	AR 27R1	Added costs to install flexible flashing at stucco joints and behind flashings per ASI#27r1	087	\$ 25,152	0			
18	AR 247.1	Added costs / credits to change rigid foam insulation and cover board at building G sloped roof to FSK within joist bays, add Cor-A-Vent roof to wall vents, install screened openings at upper and lower roof bays, install baffles at bays and fur out shaped intermediate fascia board for air flow.	089.001	\$ 17,472	0			
19	AR#133	Added costs to install additional HVAC fittings per AR#133	090	\$ 4,868	0			
20	AR 321	Added costs to install sill flashing at Bldg G at radius curb	097.001	\$ 5,140	0			
21	RFP 023	Added costs to install GSM Pan Flashing for Rain Canopy Corner on Bldg A & B.	101	\$ 4,958	0			
22	RFP 025	Added costs for conduits with pull string to pull box to serve future marquee sign per RFP 025.	102	\$ 2,801	0			
23	RFI 336	Added costs for convenience outlet at relocated Condenser Unit per RFI 336.	105	\$ 1,850	0			
24		Added costs for adjusting the TV mounting heights in Bldg C.	106	\$ 7,469	0			

END OF SUMMARY