



Date: 12/8/2021

Prime Contract Change Order Number 029

Belmont Middle and High School

Project # 1318017

Skanska USA Building Inc.

To Contractor:

Skanska USA Building Inc.
101 Seaport Boulevard
Suite 200
Boston, MA 02210

Architect's Project No:

1318017-000

Contract Date:

7/7/2018

Contract Number: 999

The Contract is hereby revised by the following items:

Change Order #29

AR	CE	Description	Amount
509	0531	PR 088 TEMPORARY PHASE 1 IRRIGATION	\$ 12,750.00
496R001	0599	CCD 164 FIELD HOUSE TEMP CONDITION REVISIONS	\$ 315,306.00
	0800	ASI 173 LEVEL 01 WINDOW JAMB CLARIFICATIONS	\$ 0.00
	0968	CCD 298 OPERATING POLE LOCK FOR MECH. MEZZANINE ATTIC LADDER	\$ 0.00
	1019	CCD 313 SNACKBAR COUNTERTOP HEIGHT REVISIONS	\$ 0.00
502R002	1035	CCD 246 FH STAIR RAILING & FRAMING REVISIONS PER RFI CON-1117	\$ 12,708.00
	1066	RFI 1107: Stair 1 Level 4 Steel Connection Protrusion (VOID)	\$ 0.00
	1074	CCD 319 GWB CEILING FOR SUPPORT FOR BOOKCASE MDF WRAPPER	\$ 0.00
521	1077	Additional Flushing requirements for the HVAC Systems	\$ 16,323.00
454R001	1096	RFI 1276 Area E Level 01 Motorized Bleacher Power Feeds (WJG E-143)	\$ 6,358.00
504	1134	Lead Abatement small Gym & Field house - Allowance Overage	\$ 57,851.00
476R001	1138	CCD 333 ELECTRICAL REVISIONS RESIDENTIAL APPLIANCES	\$ 6,118.00
501R001	1160	Alterations to South field house Wall	\$ 91,689.00
520	1165	CCD 340 REMOVE F100B DRINKING FOUNTAIN PER RFI 1305	\$ 16,933.00
AE119R001	1195	Prep for Pool Deck Tile	\$ 0.00
503	1198	RFI 1387 E205 West Wall Supplemental Steel	\$ 15,048.00
518	1216	RFI 1384 Existing Hole in Field House L2 Slab	\$ 3,037.00
499R001	1225	PR-102 GROUND LOOP SYSTEM BRANCH INSULATION IN MECH. RM	\$ 15,131.00
	1239	ASI 210 FIRE ALARM DEVICES AT FIELD HOUSE BLEACHERS (VOID)	\$ 0.00
	1249	ASI 213 EGRESS MAPS - PHASE 1	\$ 0.00
500	1256	RFI 1409 Steel Beam at Auditorium Balcony	\$ 5,622.00
495R001	1260	CCD 357 PHASE 1 GRADING REVISIONS	\$ 163,530.00
510R001	1265	CCD 360 RFI 1413 Existing Precast Pier Clarification	\$ 71,484.00
526	1273	RFI 1417 Interior Caulking at FH Exterior Doors	\$ 1,690.00
	1286	ADA operators at front entrance	\$ 0.00
	0745.0001	ASI 111 AMENDED DARKROOM EQUIPMENT SPECIFICATION - Ventilation	\$ 0.00
525	1294	Tree Trimming on Concord Ave	\$ 8,092.00
519	1300	CCD 361 4" RELIEVING ANGLE LEG FOR PHASE 2	\$ 15,988.00
516	1317	Exposed Column in C150C	\$ 6,576.00
517	0686.0001	CCD 173 TEMPORARY CONDITION REVISIONS - Wiring of Chip Tank Only	\$ 1,732.00
	1326	RFI 1411 Field House Bump Out	\$ 0.00
511R001	1328	CCD 366 - *MATERIAL ONLY* GLASS REPLACEMENT & SPRINKLERS AT REINFORCED GLASS	\$ 39,075.00
527	1348	CCD-368 TEMP. ASPHALT PAD FOR BIKE RACKS	\$ 18,092.00
507	1056.0006	Premium Time work for Changes	\$ 316,310.00
514	1357	Raise Run Times On All Metering Faucets	\$ 2,063.00
AE118	1376	Theater Rigging Supports	\$ 0.00
523	1056.0008	Premium Time work for Changes	\$ 25,989.00

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515R001	1056.0009	Premium Time work for Changes - Reconciled Cost from PCO 482R001 CE 1056.0005	\$	103,101.00
AE120	1410	Solar Walkway Light	\$	0.00
528R001	1425	Temp Improvements at Intersection	\$	11,523.00
533	1435	Abatement Reconciliation	(\$	9,693.00)

The original Contract Value was.....	\$	240,341,185.00
Sum of changes by prior Prime Contract Change Orders.....	\$	10,941,703.00
The Contract Value prior to this Prime Contract Change Order was.....	\$	251,282,888.00
The Contract Value will be changed by this Prime Contract Change Order in the amount of.....	\$	1,350,426.00
The new Contract Value including this Prime Contract Change Order will be.....	\$	252,633,314.00
The Contract duration will be changed by.....		0 Days
The revised Substantial Completion date as of this Prime Contract Change Order is.....		

Skanska USA Building Inc. <hr/> CONTRACTOR 101 Seaport Boulevard Suite 200 Boston, MA 02210 <hr/> Address By <u>Michael Loring</u> <hr/> SIGNATURE _____ <hr/> DATE _____	Perkins & Will, Inc. <hr/> ARCHITECT 225 Franklin St, Boston, MA 02110 <hr/> Address By <u>Brian Spangler</u> <hr/> SIGNATURE _____ <hr/> DATE _____	Town of Belmont <hr/> OWNER 455 Concord Ave Belmont, MA 02478 <hr/> Address By <u>William Lovallo</u> <hr/> SIGNATURE _____ <hr/> DATE _____
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Perkins&Will

Belmont Middle and High School

PCCO-029 Item Descriptions

12/7/2021

PCO	CE	Description	Amount	Reason
509	0531	PR-088 TEMPORARY PHASE 1 IRRIGATION	\$12,750	Cost represented in this PCO is to install a water service connection for the temporary irrigation system for the Phase 1 landscaped areas.
496R1	0599	CCD-164 FIELD HOUSE TEMP. CONDITION REVISIONS	\$315,306	CCD-164 provided direction to retain the temporary locker rooms located in the small gym for an additional year and relocate the temporary wellness classrooms. The cost included in this PCO represents all associated mechanical, electrical, plumbing, fire protection, technology, etc. revisions as a result of this change.
521	1077	ADDITIONAL FLUSHING REQUIREMENTS FOR THE HVAC SYSTEM	\$16,323	The cost in this PCO represents additional procedures required to flush the hot and chilled water systems to ensure compatibility with the geothermal ground loop system.
454R1	1096	RFI-1276 AREA E LEVEL 01 MOTORIZED BLEACHER POWER FEEDS	\$6,358	Cost represented in this PCO is to revise the new retractable bleacher power feeds in the Field House from single to three-phase, which is required for proper operation.
504	1134	LEAD ABATEMENT SMALL GYM & FIELD HOUSE - ALLOWANCE OVERAGE	\$57,851	The cost in this PCO represents lead abatement work for the Small Gym and Field House that remained after exhausting the allowance earmarked for this work in the GMP.
476R1	1138	CCD-333 ELECTRICAL REVISIONS ELECTRICAL APPLIANCES	\$6,118	CCD-333 revised several electrical circuits feeding residential appliances such as ice machines and refrigerators following review of the submittal package for this equipment. Revisions included changes to breaker capacities, amperage, etc.
501R1	1160	ALTERATIONS TO SOUTH FIELD HOUSE WALL	\$91,689	Cost represented in this PCO is to remove temporary steel that was installed to support the south wall of the field house during construction of Phase 1. Following construction of the Phase 1 portion of the building, the steel was no longer structurally required. However, the temporary steel was exposed to view from the main floor of the Field House, and upon on-site review with the Owner it was determined that it should be removed. The value of this PCO also includes the cost to infill the abandoned openings created by the removal of the steel with a stud backup and scored stucco finish to match the adjacent CMU coursing.

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PCCO-029 Item Descriptions

12/7/2021

PCO	CE	Description	Amount	Reason
520	1165	CCD-340 REMOVE F100B DRINKING FOUNTAIN PER RFI 1305	\$16,933	CCD-340 removed a drinking fountain from Corridor F100A and added underground sanitary piping for the sink and ice machine floor drains in the trainer's suite. The cost in this PCO represents the net add for this revision.
503	1198	RFI 1387 E205 WEST WALL SUPPLEMENTAL STEEL	\$15,048	The cost in this PCO represents supplemental steel that was required to be installed to support the sill and head of the new window in the west wall of the new weight room. Due to it's length and weight, the window was unable to be supported by light gauge framing alone.
518	1216	RFI 1384 EXISTING HOLE IN FIELD HOUSE L2 SLAB	\$3,037	Cost represented in this PCO is to infill an abandoned floor opening in the vestibule area outside the southwest entrance to the small gym. The opening was previously used to permit ductwork to pass through the floor from below. The ductwork was removed as part of the new work.
499R1	1225	PR-102 GROUND LOOP SYSTEM BRANCH INSULATION IN MECH. RM.	\$15,131	Cost represented in this PCO is to insulate smaller-diameter branch piping associated with the geothermal ground loop system. The piping was observed to be sweating and dripping onto the floor during the summer months.
500	1256	RFI 1409 STEEL BEAM AT AUDITORIUM BALCONY	\$5,622	Cost represented in this PCO is to install two small steel beams to support an overhang off the auditorium balcony boxes. The steel was shown in the architectural details but not shown in the structural framing plans.
526	1273	RFI 1417 INTERIOR CAULKING AT FIELD HOUSE EXTERIOR DOORS	\$1,690	Following demolition of existing doors and installation of new egress doors along the west exterior wall of the Field House, it was discovered that the new hollow metal frames did not completely fill the existing masonry opening. Caulking was applied to close off this gap.
525	1294	TREE TRIMMING ON CONCORD AVE.	\$8,092	Cost represented in this PCO is to trim trees along Concord Ave. to permit clear sight lines to the new traffic signals.

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PCCO-029 Item Descriptions

12/7/2021

PCO	CE	Description	Amount	Reason
519	1300	CCD-361 4" RELIEVING ANGLE LEG FOR PHASE 2	\$15,988	CCD-361 revised the horizontal leg length for all face brick relieving angles to address constructability and tolerance challenges experienced during construction of Phase 1. The deeper leg length will better accommodate construction tolerances amongst all components of the building envelope that coincide including the structural steel, exterior sheathing, air and vapor barrier system, and the face brick.
516	1317	EXPOSED COLUMN IN C150C	\$6,576	The Board of Health required a cleanable surface be applied to a structural column that had cementitious fire proofing applied to it. The column is located within a dry goods storage room that is part of the kitchen suite. The cost in this PCO is to provide an FRP wrap for the column.
517	0686.0001	CCD-173 TEMPORARY CONDITION REVISIONS - WIRING OF CHIP TANK	\$1,732	Cost represented in this PCO is to provide a power source for the temporary chip tank.
511R1	1328	CCD-366 GLASS REPLACEMENT & SPRINKLERS AT REINFORCED GLASS - MATERIAL ONLY	\$39,075	<p>CCD-351 provided direction to install steel reinforcement "T's" to sealant joints of floor-to-ceiling, 3/8" thick tempered glass panes. This modification was required to meet code-mandated strength requirements for glass in this type of condition.</p> <p>Upon installation of these "T's", there became a conflict in some locations with the fire protection system. In further reviewing those conflicts, it was determined that the most cost effective solution would be to replace the glass panels with thicker glass, thereby avoiding the need for steel reinforcement and eliminating the conflict with the fire protection system. This direction was provided in CCD-366. The cost in this PCO represents the materials cost to replace the glass and in some select locations modify the fire protection in lieu of glass replacement. Labor is not included because this work will be tracked on an hourly basis. That cost will be presented following completion of the work.</p>
527	1348	CCD-368 TEMP. ASPHALT PAD FOR BIKE RACKS	\$18,092	CCD-368 added a roughly 50' linear foot paved section for additional bike storage to accommodate the heavy bike traffic that was observed when school opened.
507	1056.0006	PREMIUM TIME WORK FOR CHANGES	\$316,310	PCO represents cost to perform portions of the work on premium and/or overtime.

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PCCO-029 Item Descriptions

12/7/2021

PCO	CE	Description	Amount	Reason
514	1357	RAISE RUN TIMES ON ALL METERING FAUCETS	\$2,063	PCO represents the cost to adjust and extend the auto-shutoff time period on hand washing faucets.
523	1056.0008	PREMIUM TIME WORK FOR CHANGES	\$25,989	PCO represents cost to perform portions of the work on premium and/or overtime.
515R1	1056.0009	PREMIUM TIME WORK FOR CHANGES	\$103,101	PCO represents cost to perform portions of the work on premium and/or overtime.
528R1	1425	TEMP. IMPROVEMENTS AT INTERSECTION	\$11,523	PCO represents cost to mill and repave sections of pavement at the Concord and Goden St. intersection to temporarily address water ponding issues. A permanent revision to the drainage at this intersection will follow.
533	1435	ABATEMENT RECONCILIATION	(\$9,693)	This credit represents the reconciled value of asbestos abatement following completion of demolition of the old school.