



Date: 4/8/2022

Prime Contract Change Order Number 033

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 #33

AR	CE	Description	Amount
553R001	0719	Stairs 5&6 (CCD 394 & 397)	\$ 81,466.00
493R001	0741	ASI 160 ACT WORKPOINTS & DEVICE LOCATIONS CLARIFICATIONS	\$ 32,792.00
		PHASE-1	
584	0981	CCD 291 AMENDED ACCORDION DOOR DETAIL REVISIONS	\$ 25,142.00
561	1053	ASI 200 LOADING DOCK BOLLARD COORDINATION PER RFI 1222	(\$ 4,597.00)
588R001	1095	CCD 304 RUGBY FIELD EDGER/RETAINING WALL COORDINATION	\$ 56,970.00
579R001	1154	Interior CMU Rework and Repointing at Field House	\$ 5,061.00
592	1188	CCD 344 FOUNDATION DESIGN FOR GENERATOR PAD	(\$ 21,440.00)
585R001	1194	RFI 1388 Magnetic Lock Extensions for Doors	\$ 4,399.00
622	1205	CCD 349 UNDERGROUND PLUMBING THRU EXISTING GRADE BEAMS AT SMALL GYM	\$ 9,112.00
611	1219	New Telecom structure in Concord Ave.	\$ 1,866.00
586R001	1284	CCD 341 PIPING FOR WC'S D259 & D261 PER RFI's 1054, 1303, & 1315	\$ 22,260.00
615	1295	Temp Parking Lot Improvements	\$ 14,640.00
539R001	1373	Subgrade Improvements at PH 2 Bldg Footprint	\$ 238,837.00
601	1384	Table Rentals for Cafeteria	\$ 2,687.00
AE127R001	1390	CCD 375 PILE CAP & GRADE BEAM REVISIONS PER PILE SURVEY	\$ 0.00
576R001	1397	RFI 1380 Pneumatic Actuators at Area A Relief Vents	\$ 5,582.00
AE128	1403	RFI 1482 Existing Locker Room Slab Infill	\$ 0.00
AE129	1404	RFI 1448 New Duct openings along 32x Line	\$ 0.00
575	1414	CCD 362 POOL EMERGENCY LIGHTING & TEMP STAIR PULL STATIONS	\$ 16,904.00
567	1419	CCD 373 DOOR HARDWARE REVISION FOR MS STAFF TOILET ROOMS	\$ 5,642.00
590R001	1420	CCD 385 AUDITORIUM ILLUMINATED EXIT SIGN ADDITIONS	\$ 10,475.00
573R001	1430	CCD-355 ORIENTATION OF ILLUMINATED EXIT SIGNS - PHASE 2	(\$ 6,378.00)
587R001	1459	CCD 392 HRU GRATING REVISIONS PER RFI CON-1475	\$ 92,940.00
574	1471	CCD 395 ADDED DATA TO TEMP. ATHLETIC DIRECTOR'S OFFICE	\$ 2,125.00
610	1474	CCD 332 REMOVAL OF SCISSOR LIFT AT LOADING DOCK	\$ 351.00
609	1476	Extending Power for Batting Cages in FH	\$ 3,847.00
AE130	1470	Additional opening along Rx, 16.4, and 15x as outlined in RFI 1486	\$ 0.00
599	1490	MS Skylight Details	\$ 10,447.00
612	1511	Repair of Existing to Remain Water Line	\$ 9,003.00
600R001	1545	PR 129 STAIR 10 HANDRAIL	\$ 6,049.00
603	1549	CCD 401 AUDIBLE FIRE ALARM SIGNAL AT OFFICE B332	\$ 3,045.00
616	1574	CCD 404 3-PHASE POWER FOR OH DOORS F200 & F300 PER RFI 1536	\$ 3,764.00
604	1590	PR 132 Added Power & Data for Storage room F168A	\$ 2,067.00
582R002	1226.0001	Delegated Design of Stair 4	\$ 74,752.00
606R001	1594	RFI 1521 - Removal of Existing Hydrants	\$ 10,115.00
534R001	0390.0001	CCD 104 - CW Support Angles (CANATAL FAB AND INSTALL)	\$ 166,479.00
623R001	1617	RFI 1449 Phase 2 Low Wall Supports	\$ 18,949.00
605	1523.0001	Partial - CCD 403 North Roadway Subgrade Improvements	\$ 28,118.00

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617	1523.0002	Partial 2 - CCD 403 North Roadway Subgrade Improvement	\$	230,321.00
621R001	1527.0001	LEAD ABATEMENT ALLOWANCE OVERRUN	\$	4,426.00

The original Contract Value was.....	\$	240,341,185.00
Sum of changes by prior Prime Contract Change Orders.....	\$	12,943,234.00
The Contract Value prior to this Prime Contract Change Order was.....	\$	253,284,419.00
The Contract Value will be changed by this Prime Contract Change Order in the amount of.....	\$	1,168,218.00
The new Contract Value including this Prime Contract Change Order will be.....	\$	254,452,637.00
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 James Craft <hr/> SIGNATURE _____ DATE _____	Perkins & Will, Inc. <hr/> ARCHITECT 225 Franklin St, Boston, MA 02110 <hr/> Address By Brian Spangler <hr/> SIGNATURE _____ DATE _____	Town of Belmont <hr/> OWNER 455 Concord Ave Belmont, MA 02478 <hr/> Address By William Lovallo <hr/> SIGNATURE _____ DATE _____
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Perkins&Will

Belmont Middle and High School

PCCO-033 Item Descriptions

4/5/2022

PCO	CE	Description	Amount	Reason
553R1	0719	STAIRS 5 & 6 (CCD-394 & 397)	\$81,466	The cost in this PCO represents the miscellaneous metals subcontractor's additional materials and labor required for Stairs 5 & 6 (egress stairwells located at the ends of each Middle School wing) as a result of their delegated engineering design efforts. CCD's 394 & 397 were issued to remove a center rail and revise the deflection criteria respectively to reduce the overall cost impact.
493R1	0741	ASI-160 ACT WORKPOINTS & DEVICE LOCATIONS CLARIFICATIONS FOR PHASE 1	\$32,792	ASI-160 provided additional work / installation origin points for lay-in tile style ceilings throughout Phase 1. The cost represented in this PCO is for additional time required to coordinate ceiling devices such as lighting and HVAC components per the work point locations.
584	0981	CCD-291 AMENDED - ACCORDION DOOR DETAIL REVISIONS	\$25,142	CCD-291 AMENDED revised several door head and ceiling conditions to coordinate with the selected accordion fire door manufacturer's requirements. This included the addition of tube steel and reconfiguration of the drywall and ceiling at the head track condition.
561	1053	ASI-200 LOADING DOCK BOLLARD COORDINATION PER RFI 1222	(\$4,597)	ASI-200 removed several traffic bollards that were not required in the loading dock area.
588R1	1095	CCD-304 RUGBY FIELD EDGER/RETAINING WALL COORDINATION	\$56,970	CCD-304 provided several structural and coordination-related revisions including shifting the footprint of the rugby field to avoid a conflict with an underground vault serving the geothermal system as well as structural details (footing size & rebar placement) for the construction of the perimeter retaining wall. The structural analysis was required to address conflicts with other underground utilities that needed to be bridged or avoided.
579R1	1154	INTERIOR CMU REWORK AND REPOINTING AT FIELD HOUSE	\$5,061	Cost in this PCO represents miscellaenous patching of existing CMU partitions in the locker room areas of the Field House.
592	1188	CCD-344 FOUNDATION DESIGN FOR GENERATOR PAD	(\$21,440)	The cost in this PCO represents the net cost to eliminate a cast-in-place concrete and chain link fence screen wall originally designed to envelop the emergency generator with boulders and precast concrete blocks to provide vehicular protection only.
585R1	1194	RFI-1388 MAGNETIC LOCK EXTENSIONS FOR DOORS	\$4,399	The cost in this PCO is to add extensions to several doors that have magnetic hold-opens. In these conditions, the door panel did not swing far enough to provide a connection to the matching magnetic pad mounted to the wall.

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PCCO-033 Item Descriptions

4/5/2022

PCO	CE	Description	Amount	Reason
622	1205	CCD-349 UNDERGROUND PLUMBING THRU EXISTING GRADE BEAMS AT SMALL GYM	\$9,112	CCD-349 relocated underground plumbing drains through new penetrations in the existing grade beams. The original design called for reuse of existing penetrations, however this was not possible from a scheduling and logistics perspective.
611	1219	NEW TELECOMM. STRUCTURE IN CONCORD AVE.	\$1,866	An additional underground structure was provided for the termination of (2) spare telecomm. conduits on Concord Ave. This work proceeded by field direction of the Owner.
586R1	1284	CCD-341 PIPING FOR WC'S D259 & D261 PER RFI'S 1054, 1303, & 1315	\$22,260	CCD-341 added water feeds to restrooms F259 and F261 that were not previously shown in the contract documents. Additionally, several partitions were revised to permit clearance for in-wall piping for trough sinks and toilet carriers in several other restrooms.
615	1295	TEMP. PARKING LOT IMPROVEMENTS	\$14,640	Cost in this PCO represents the addition of lighting and drainage improvements for the temporary parking lot in front of the high school.
539R1	1373	SUBGRADE IMPROVEMENTS AT PHASE 2 BUILDING FOOTPRINT	\$238,837	Cost in this PCO is to over-excavate existing subgrade and import clean fill to safety support the pile driving operations. The cost also includes a premium to use crane mats for the pile driving rig which were recommended by the geotechnical engineer.
601	1384	TABLE RENTALS FOR CAFETERIA	\$2,687	Cost in this PCO is to rent tables for the cafeteria area due to delayed delivery of permanent furniture.
576R1	1397	RFI-1380 PNEUMATIC ACTUATORS AT AREA A RELIEF VENTS	\$5,582	Cost in this PCO is associated with revising the sequence of operations for existing-to-remain relief dampers that are served with pneumatic actuators.
575	1414	CCD-362 POOL EMERGENCY LIGHTING & TEMP. STAIR PULL STATIONS	\$16,904	CCD-362 revised circuitry for several light fixtures in the pool area to operate on emergency power as required for life safety. Additionally, manual pull stations were added to the stairwell entry doors for the temporary stair.
567	1419	CCD-373 DOOR HARDWARE REVISION FOR MS STAFF TOILET ROOMS	\$5,642	CCD-273 revised the door hardware packages for several single-occupant gender neutral toilet rooms that were re-designated for staff only. The removed hardware will be reused where possible in Phase 2.
590R1	1420	CCD-385 AUDITORIUM ILLUMINATED EXIT SIGN ADDITIONS	\$10,475	The cost in this PCO is to add illuminated exit signage to the catwalk and main levels of the auditorium. These are required by code.

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PCCO-033 Item Descriptions

4/5/2022

PCO	CE	Description	Amount	Reason
573R1	1430	CCD-355 ORIENTATION OF ILLUMINATED EXIT SIGNS - PHASE 2	(\$6,378)	CCD-355 reoriented and removed several illuminated exit signs in the Phase 2 portion of the project.
558R1	1436	CORRIDOR TILE MISALIGNMENT	(\$6,906)	The value in this PCO represents a settlement for wall tile patterns in several of the main corridors in Areas B & C that were not installed according to the contract documents.
587R1	1459	CCD-392 HRU GRATING REVISIONS PER RFI CON-1475	\$92,940	CCD-392 added additional grating and associated support steel for maintenance access to rooftop HVAC units in Phase 2.
574	1471	CCD-395 ADDED DATA TO TEMP. ATHLETIC DIRECTOR'S OFFICE	\$2,125	CCD-395 added power and data outlets to serve various office equipment in the temporary athletic director's office.
610	1475	CCD-332 REMOVAL OF SCISSOR LIFT AT LOADING DOCK	\$351	CCD-332 substituted a fork lift in lieu of a scissor lift to service the loading dock area. This value represents the premium for the fork lift.
609	1476	EXTENDING POWER FOR BATTING CAGES IN THE FIELD HOUSE	\$3,847	The cost in this PCO represents an extension of power to the batting cages, which had to be shifted to avoid basketball hoop support structures.
599	1490	MIDDLE SCHOOL SKYLIGHT DETAILS	\$10,447	Cost represented in this PCO is to provide additional skylight steel support as well as some finishing materials for the opening. This PCO echoes a similar PCO that was presented for the high school skylight. These revisions stemmed from further development of the design following acceptance of this alternate in the GMP.
612	1511	REPAIR OF EXISTING-TO-REMAIN WATER LINE	\$9,003	Cost in this PCO represents repair to an existing underground water line that was discovered to be leaking during installation of other utilities.
600R1	1545	PR-129 STAIR 10 HANDRAIL	\$6,049	Cost in this PCO is to provide a handrail to a small, open stair leading from the main floor level of the auditorium to the stage. The rail is required by code.
603	1549	CCD-401 AUDIBLE FIRE ALARM SIGNAL AT OFFICE B332	\$3,045	The decibel level of a fire alarm device in an adjacent space was not loud enough to provide the required sound level within Office B332, and as a result a visual device had to be upgraded to audio/visual within the office.
616	1574	CCD-404 3-PHASE POWER FOR OH DOORS F200 & F300 PER RFI-1536	\$3,764	The cost in this PCO represents a required power upgrade from single to 3-phase power for two exterior overhead doors in the Field House.
604	1590	PR-132 ADDED POWER & DATA FOR STORAGE ROOM F168A	\$2,067	PR-132 relocated a power outlet and added data to Storage Room F168A per Facilities Department request.

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PCCO-033 Item Descriptions

4/5/2022

PCO	CE	Description	Amount	Reason
582R2	1226.0001	DELEGATED DESIGN OF STAIR 4	\$74,752	The cost in this PCO represents additional cost claims submitted by the miscellaneous metals subcontractors to perform delegated engineering design of Stair 4, and the associated additional materials and labor cost impacts as a result of the engineering.
606R1	1594	RFI-1521 REMOVAL OF EXISTING HYDRANTS	\$10,115	Cost in this PCO is to remove two existing fire hydrants that are within the footprint of future parking areas, as well as to repair an existing-to-remain fire hydrant and it's associated piping back to the water main.
614	1595	DAMAGED EXIT SIGN ELECTRICAL WORK	\$217	The cost in this PCO is to repair an interior illuminated exit sign due to vandalism.
534R1	0390.0001	CCD-104 - CURTAIN WALL SUPPORT ANGLES	\$166,479	The cost in this PCO is to provide steel angles to support the typical classroom ribbon window by the miscellaneous metals subcontractor. Detailed drawings showing the typical curtain wall support detail were included in the bid documents but not explicitly keyed to some locations in Phase 2.
623R1	1617	RFI-1449 PHASE 2 LOW WALL SUPPORTS	\$18,949	Following further engineering analysis, it was determined that a partial height partition guardrail and large hollow-metal window frame at Level 3 overlooking Level 2 was required to have additional steel support and a revised slab edge connection method.
605	1523.0001	PARTIAL - CCD-403 NORTH ROADWAY SUBGRADE IMPROVEMENTS	\$28,118	Cost in this PCO represents removal and replacement of unstable existing subgrade material.
617	1523.0002	PARTIAL 2 - CCD-403 NORTH ROADWAY SUBGRADE IMPROVEMENT	\$230,321	Cost in this PCO represents removal and replacement of unstable existing subgrade material.
621R1	1527.0001	LEAD ABATEMENT ALLOWANCE OVERRUN	\$4,426	Cost in this PCO is for additional lead abatement required for new roof framing connections to existing steel at the new connection area between the Field House and Middle School.