



Date: 5/31/2022

Prime Contract Change Order Number 036

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 #36

AR	CE	Description		Amount
671	0562	CCD 170 GLAZING DETAILS PER RFI CON-604	\$	2,279.00
651R001	1166	CCD 339 STEEL SUPPORT FOR HVAC UNIT AT FIELD HOUSE LOCKER RM.	\$	70,654.00
554R002	1190	Temporary Off Hours Cooling Watch of Mechanical Plant Systems Until TCO Received	\$	93,115.00
663	1215	RFI 1377 Existing FEC and Railing conflict in Field House	\$	2,607.00
653R001	1226	CCD 222 STAIR 4 REVISIONS	\$	87,135.00
AE136R001	1238	CCD 310 DARKROOM DOOR REVISIONS - Funded \$5,909 from Dark Room Door Allowance	\$	0.00
664	1268	RFI 1382 Area E, Level 1 Door Opening Structure at F100B	\$	3,722.00
631R001	1305	CCD-359 REMOVAL OF FIRE PROTECTION AT STAIR 4, L2 & 3	(\$	12,829.00)
652R001	1342	CCD 367 FIELD HOUSE ADDITIONAL STRUCTURE TO SUPPORT FINAL CONDITIONS IN E111, E100B & F100B	\$	103,423.00
660	1345	Added Mirrors in Officials Lockers per RFI 1432	\$	1,212.00
669	1370	ASI 170 MOBILE STORAGE SHELVING LAYOUT	\$	8,067.00
679	1374	CCD 409 Amended Phase 2 Grading Revisions - \$59,000 Funded From Soil Disposal Allowances	\$	543,486.00
670	1486	RFI 1524 Additional Soffits in Field House Locker Rooms	\$	2,944.00
667	1584	RFI 1534 Existing Holes in CMU along Rx	\$	833.00
665	1585	RFI 1530 E109D & E110D Jamb Finish	\$	1,628.00
656	1657	CCD 420 Power for OH Door XE112A.2 in PE Storage E112	\$	8,213.00
608R002	1171.0001	CCD 335 Change Curb From Asphalt Berm To Granite In Phase 2, Reuse Salvaged Plus Purchase New	\$	107,064.00
668	1563.0001	RFI 1518 Old Boiler Room Wall Repair - North Wall Only	\$	656.00
636R001	1677	Exterior Insulation at Sound Attenuators in Phase 1 Mechanical Well	\$	45,367.00
659	1682	CCD 423 Added Outlet at JC E107A per RFI 1571	\$	1,141.00
646	1689	RFI 1414 - Provide Sequence of Operation for Domestic Hot Water Pumps P4A & P4B	\$	8,552.00
AE134	1690	Fire Alarm Disable Button - Funded \$9,911 from Electrical Phasing Allowance	\$	0.00
AE135	1697	DMX Gateway Devices for Acoustical Shell Lighting Controls - \$2,300 Funded From Electrical Coordination Allowance	\$	0.00
657	1711	CCD 432 Camera 131 Relocation From E105 Locker Room to F100B Corridor	\$	796.00
673	1758	Survey Road, Curb and Drainage Elevations at Goden and Concord for Final Elevations of Drainage Structures	\$	3,758.00

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Belmont Middle and High School **Project # 1318017** **Skanska USA Building Inc.**

The original Contract Value was.....	\$	240,341,185.00
Sum of changes by prior Prime Contract Change Orders.....	\$	14,368,390.00
The Contract Value prior to this Prime Contract Change Order was.....	\$	254,709,575.00
The Contract Value will be changed by this Prime Contract Change Order in the amount of.....	\$	1,083,823.00
The new Contract Value including this Prime Contract Change Order will be.....	\$	255,793,398.00
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.

 CONTRACTOR
 101 Seaport Boulevard
 Suite 200
 Boston, MA 02210

 Address
 By James Craft

 SIGNATURE

 DATE _____

Perkins & Will, Inc.

 ARCHITECT
 225 Franklin St, Boston, MA 02110

 Address
 By Brian Spangler

 SIGNATURE

 DATE _____

Town of Belmont

 OWNER
 455 Concord Ave
 Belmont, MA 02478

 Address
 By William Lovallo

 SIGNATURE

 DATE _____

Perkins&Will

Belmont Middle and High School

PCCO-036 Item Descriptions

6/7/2022

PCO	CE	Description	Amount	Reason
671	0562	CCD-170 GLAZING DETAILS PER RFI CON-604	\$2,279	RFI 604 provided additional information for the attachment detail for the decorative glass originally designed as a wall finish behind the High and Middle School main reception desks. The glass was ultimately removed from the project as a cost saving measure, however some of the work had already been completed. The cost in this PCO is to install plywood blocking that was a part of this detail.
651R1	1166	CCD-339 STEEL SUPPORT FOR HVAC UNIT AT FIELD HOUSE LOCKER RM.	\$70,654	CCD-339 provided a steel support design for a mechanical unit suspended above the Boys' Team Lockers Rm. E111. The steel was not shown in the structural bid package, which was an early bid package.
554R2	1190	TEMPORARY OFF HOURS COOLING WATCH OF MECHANICAL PLANT SYSTEM UNTIL TCO RECEIVED	\$93,115	<p>The cooling watch is a requirement to oversee the operation of the new cooling plant in the building from when it becomes operational until it is accepted by the Owner and they then take control of the operations of the system after the Temporary Certificate of Occupancy is received. The watch is for "off hours" monitoring of the system when construction operations are not ongoing during nights and weekends. The watch took place from July 1, 2021 thru September 1, 2021. At the establishment of the GMP, it was agreed by all parties to not carry a potential cost for this watch, but rather to track it time and materials (T&M) once the work was required and only pay the actual cost.</p> <p>The cost of this PCO started at \$134,780 and was negotiated down to \$93,115.</p> <p>A similar cost is not expected for Phase 2.</p>
663	1215	RFI 1377 EXISTING FEC AND RAILING CONFLICT IN FIELD HOUSE	\$2,607	Cost in this PCO is to relocate an existing fire extinguisher cabinet that became in conflict with a stair handrail. An extension was added to the existing handrail to provide compliance with accessibility requirements, which caused the conflict. The cabinet was relocated to a nearby CMU wall.
653R1	1226	CCD-222 STAIR 4 REVISIONS	\$87,135	<p>The cost in this PCO represents several design revisions related to Stair 4 that affects several trades. The revisions include:</p> <ul style="list-style-type: none">- Addition of concrete for the plinth. The concrete was purchased with an earlier bid package prior to the inclusion of the plinth.- Addition of some steel to properly support the landing conditions. The cost related to this includes fire proofing and painting in addition to the steel.- Adjustments were made to the extent of drywall soffit to coordinate with the head condition of the automatic fire doors at each level.

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Belmont Middle and High School

PCCO-036 Item Descriptions

6/7/2022

PCO	CE	Description	Amount	Reason
664	1268	RFI 1382 AREA E, LEVEL 1 DOOR OPENING STRUCTURE AT F100B	\$3,722	During demolition for the creation of a new door opening into the Middle School Girls' locker room, it was discovered that an existing concrete beam required additional structural support. The cost in this PCO is to provide additional masonry to support that existing-to-remain beam.
631R1	1305	CCD-359 REMOVAL OF FIRE PROTECTION AT STAIR 4, LEVELS 2 & 3	(\$12,829)	The credit provided in this PCO represents the removal of fire protection at Stair 4, which is not required because the stair enclosure construction is fire rated.
652R1	1342	CCD-367 FIELD HOUSE ADDITIONAL STRUCTURE TO SUPPORT FINAL CONDITIONS IN E111, E100B, & F100B	\$103,423	Following review of existing conditions in the Field House, it was determined that additional structural support was required to adequately support the final conditions. This included additional support along the east exterior wall of the former boiler room (future locker rm.), along the east exterior wall of L1 of the locker rm. area in the Field House where CMU needed to be removed and upsized to support the future dead load of the exterior wall, and where a new opening is being created in an existing wall to connect the new Middle School section to the existing Field House.
660	1345	ADDED MIRRORS IN OFFICIALS' LOCKERS PER RFI 1432	\$1,212	Cost in this PCO is to provide (2) wall mounted mirrors in each of the officials' locker rooms, which were not previously shown in the contract documents.
669	1370	ASI-170 MOBILE STORAGE SHELVING LAYOUT	\$8,067	The high density storage system requires a false floor to conceal floor tracks. The cost in this PCO is to provide Marmoleum flooring on top of the false floor. The false floor itself is provided by the storage system installer.
679	1374	CCD-409 AMENDED - PHASE 2 GRADING REVISIONS (\$59K FUNDED FROM SOIL DISPOSAL ALLOWANCES)	\$543,486	This change initially had an allowance value of \$1M applied to it for the potential removal and disposal of excess soil accumulated on site for the 10,000+ cubic yards that were stockpiled. This excess soil was due to excavations of unsuitable materials at roadways and elsewhere in Phase 1 and Phase 2 due to the high clay content not being suitable for reuse. It was examined and reviewed to utilize this excess soil in non roadway / structural areas such as the playing fields was an option. The allowance value was reduced from \$1M to \$650,000 in anticipation of reusing the material at the playing fields. Perkins&Will and their consultants updated their plans to raise grades +/- 15" in the playing field areas to allow utilizing the excess material on site. The initial pricing received was in excess of \$1M but a collaborative effort with the design team and their consultants and the construction manager and their subcontractor made modifications to the initial plan created by Perkins&Will and thus the added cost was reduced to \$543,486.

Perkins&Will

Belmont Middle and High School

PCCO-036 Item Descriptions

6/7/2022

PCO	CE	Description	Amount	Reason
670	1486	RFI 1524 ADDITIONAL SOFFITS IN FIELD HOUSE LOCKER ROOMS	\$2,944	The cost in this PCO represents field adjustments that were required to ductwork in the field house that was in conflict with a ceiling soffit.
667	1584	RFI 1534 EXISTING HOLES IN CMU ALONG Rx	\$833	The cost in this PCO is to infill abandoned openings in CMU demising walls in the locker room area of the Field House. The openings were for ductwork that was demolished.
665	1585	RFI 1530 E109D & E110D JAMB FINISH	\$1,628	The cost in this PCO is to parge the jambs of two openings in an existing CMU wall. The openings connect the locker room to shower areas in each of the girls' and boy's locker rooms. The opening otherwise had unfinished and exposed edges.
656	1657	CCD-420 POWER FOR OVERHEAD DOOR XE112A.2 IN P.E. STORAGE RM. E112	\$8,213	The cost in this PCO is to provide power to a new overhead door located in the exterior wall of the northeast corner of the Field House. The power was not previously shown in the contract documents.
608R2	1171.0001	CCD-335 CHANGE CURB FROM ASPHALT BERM TO GRANITE IN PHASE 2, REUSE SALVAGED, AND PURCHASE NEW	\$107,064	The cost in this PCO is to substitute a combination of salvaged and new vertical granite curbing in lieu of Cape Cod style asphalt berm for the Phase 2 portion of the site. Granite curbing was an original request during design, but was removed as a cost saving measure prior to bid documents being issued.
668	1563.0001	RFI 1518 OLD BOILER ROOM WALL REPAIR - NORTH WALL ONLY	\$656	Cost in this PCO is to repair and make-safe an existing CMU wall where a demolished CMU partition was tied-in.
636R1	1677	EXTERIOR INSULATION AT SOUND ATTENUATORS IN PHASE 1 MECHANICAL WELL	\$45,367	Cost in this PCO represents additional cost to install exterior insulation on sound attenuators. The specifications require insulation on the attenuators, but did not provide a specification for the insulation itself. The original cost submitted for this PCO was \$80.5K, negotiated to the final value as listed here.
659	1682	CCD-423 ADDED OUTLET AT JC E107A PER RFI 1571	\$1,141	The added cost in this PCO is to provide a power outlet for a janitor's closet. All of the plug capacity provided in the original design was required for equipment located in the room.
646	1689	RFI 1414 PROVIDE SEQUENCE OF OPERATION FOR DOMESTIC HOT WATER PUMPS P4A & P4B	\$8,552	RFI 1414 provided a sequence of operations not included in the contract documents for two water pumps. The cost in this PCO represents the associated work required for the pumps to function per that sequence.
657	1711	CCD-432 CAMERA 131 RELOCATION FROM E105 LOCKER ROOM TO F100B CORRIDOR	\$796	CCD-432 relocated a security camera that had been positioned inside a locker room. The camera was originally located where a vestibule had been planned, but the vestibule was removed from the design.

Perkins&Will

Belmont Middle and High School
PCCO-036 Item Descriptions
6/7/2022

PCO	CE	Description	Amount	Reason
673	1758	SURVEY ROAD, CURB, AND DRAINAGE ELEVATIONS AT GODEN AND CONCORD FOR FINAL ELEVATIONS OF DRAINAGE STRUCTURES	\$3,758	Following utility work done separate from the school project along Concord Ave. as well as temporary modifications to the intersection made during Phase 1 construction, a survey of the existing utility and grading conditions is required in order to provide proper final grading and drainage design.