

**Change Order Summary**

<b>Facility Name:</b>	Cooper City High School	<b>Date:</b>	06/25/13
<b>Project Title:</b>	Concurrent Replacement Phase I	<b>Project #:</b>	P.000877
<b>Contractor:</b>	<b>F.K.A./P#</b>		1931-99-02
<b>Consultant:</b>	*Skanska USA Building, Inc.		
	*Song & Associates (SBBC-Design Criteria Professional)		

**Original Contract** \$18,099,285

**Change Order Allowance (from PFA)** \$904,963

**Change Order Items**

<b>Consultant Error:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Consultant Omission:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Owner Request:</b>	<u>\$569,618</u>	3.15% of original contract amount
<b>Unforeseen:</b>	<u>\$25,939</u>	0.14% of original contract amount
<b>Subtotal:</b>	<u>\$595,557</u>	3.29% of original contract amount
<b>Construction Change Directives</b>		
<b>Consultant Error:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Consultant Omission:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Owner Request:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Unforeseen:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Subtotal:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Total:</b>	<u>\$595,557</u>	3.29% of original contract amount

<b>Change Order:</b>	A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.
<b>Construction Change Directive:</b>	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.



**The School Board of Broward County, Florida**  
**Division of Facilities and Construction Management**  
 1700 S.W. 14<sup>th</sup> Court  
 Fort Lauderdale, Florida 33312  
 (754) 321-1500

**Prolog Change Order Listing**

Project#	Facility Name	Original Contract /Date	# C.O.'s	Total Changes	Current Contract	Percent Change	Days Extended	Contract Status
1931P0008	Cooper City High	09/07/2011	1	\$595,557	\$18,099,285	3.29 %	83	Active.Cons.I

Concurrent: Phased Replacement

Change Order - Date	Board	Change Order Amount	Days Extended	Percent Change	Contractor	Item#	Reason	Description
001 09/05/2012		\$13,611	0		Skanska USA Building Inc	001	Owner Request	Supply Owners and Contractors Protective (OCP) Liability Coverage Insurance Policy.  This is required insurance by the SBBC Risk Management Department, and was not included in the insurance section of the General Requirements provided in the Request for Proposal.
001 09/05/2012		\$7,329	0		Skanska USA Building Inc	002	Owner Request	ADDITIONAL STAFF INFORMATION: This item is for the purchasing of Owners and Contractors Protective (OCP) Liability Coverage Insurance. This is a required insurance by the SBBC Risk Management Department. The request for this coverage was inadvertently omitted from the insurance section of the Request for Proposal. This cost will be taken from the change order contingency and does not increase the project's budget. Perform a Canal Topographic Survey and a Hydraulic Conductivity Test required for permitting at the Central Broward Water Control District (CBWCD).  These items were required for the permit submittal to Central Broward Water Control District. The Contracts Department did not have any vendors in place at the time for Facilities and Construction Management to contract these services directly. Contractor cost was the same quoted to SBBC, and no mark-up has been applied to the contractor's cost.

\$20,940

002 02/05/2013		\$1,447	0		Skanska USA Building Inc	003	Owner Request	Furnish and install red vision block wind screen on the north portion of the baseball field that is adjacent to the homes on the north side of the campus.  After receiving numerous complaints from homeowners, the vision screen was installed to help ease the issues of privacy until the new plantings and landscaping grow to a point where it helps fill in the area.
----------------	--	---------	---	--	--------------------------	-----	---------------	--

\$1,447

Project# Facility Name Contract Name Contract /Date # C.O.'s Total Changes Current Contract Days Extended Percent Change Status Contract

1931P008 Cooper City High Concurrent Phased Replacement 09/07/2011 4 \$395,557 \$18,099,285 83 Active Conts.I

Change Order Board Date Change Order Amount Days Extended Percent Change Contractor

003 04/23/2013 \$2,751 2 Skanska USA Building Inc 004A Unforeseen Condition  
 Description Furnish and install couplings and clamps to make emergency repairs to the existing sewer force main on June 22, 2012, and again at a different location on August 31, 2012.  
 The existing 40-year-old clay pipe force main separated at an existing joint which caused sewage to seep up to the surface. The condition of the existing pipe is being investigated for replacement.

003 04/23/2013 \$66,076 21 Skanska USA Building Inc 005 Owner Request  
 ADDITIONAL STAFF INFORMATION:  
 Please see Executive Summary for updated information.  
 Furnished and installed approximately 1550 linear feet of type C-900 force main pipe to replace the existing Concrete Asbestos Pipe (CAP). Pressure grouting the existing CAP (pipe) and abandon in place.

003 04/23/2013 \$12,288 6 Skanska USA Building Inc 006 Owner Request  
 ADDITIONAL STAFF INFORMATION:  
 Please see Executive Summary for updated information.  
 Furnish and install 170 linear feet of Ductile Iron Pipe (DIP) to replace the existing 6" Concrete Asbestos Pipe (CAP) water main service located under the new parking. Pressure grout the existing CAP (pipe) and abandon in place.  
 The new 6" water DIP main being installed as part of this project is being connected to both ends of an existing 6" CAP main. This new service replaced a 170-foot run of existing 40-year-old pipe that has already ruptured a few times and had to be repaired. Since this section of pipe will be under the new parking lot, it is in the District's best interest to replace this old section of pipe during this phase of construction.

ADDITIONAL STAFF INFORMATION:  
 Please see Executive Summary for updated information.

\$81,115

Project#	Facility Name	Original Contract /Date	# C.O.'s	Total Changes	Current Contract	Percent Change	Days Extended	Contract Status
1931P0008	Cooper City High	09/07/2011	7	\$595,557	\$18,099,285	3.29 %	83	Active.Cons.I
Concurrent Phased Replacement								
Change Order	Board Date	Change Order Amount	Days Extended	Percent Change	Contractor	Item# Reason	Description	
004	05/07/2013	\$291,133	54		Skanska USA Building Inc	007 Owner Request	Expand the limits of construction to include Dudley Road on the north side of the school property approximately 500' to Southwest 90th Avenue. Regrade, add drainage, new sidewalk, and repave Dudley Road to accommodate a 2% slope from the existing grade to the new site elevation.  Due to Central Broward Water Control District (CBWCD) permitting of the project, the new site elevation is approximately 3' higher than the existing road grade to the new site elevation.	
\$291,133								
005	06/11/2013	\$98,950	0		Skanska USA Building Inc	013 Owner Request	Prepare re-roofing and HVAC unit replacement (Buildings 3, 4, 5, 6, 7, 9, 16 & 17) design documents to submit to the SBBC Building Department for permitting.  The roofs and HVAC units for the listed buildings above have deteriorated well past their life expectancy. Repairs included in the contractor's scope of work being completed under this project, cannot be completed due to the condition of the roofs. Board approval was received to replace these roofs and HVAC units on March 18, 2013.	
\$98,950								
006	06/25/2013	\$20,424	0		Skanska USA Building Inc	009 Unforeseen Condition	Remove and replace the existing slab in Building #40, new Childcare Building.  The scope of work included in this contract was to cut and patch the existing slab to install new electrical and plumbing in converting the existing building to the new Childcare Building. Once the slab cuts were completed and the concrete removed, it was observed that the slab varied in thickness up to 3.5" and had no wire mesh as reinforcement. To avoid possible problems in the future with cracking and settlement, it was determined that it would be best to remove the balance of the slab and pour a new slab to current codes. Replace 2 - 4' x 6' white boards with 1 - 4' x 12' whiteboard and add one additional tack board at the front of 39 classrooms.	
006	06/25/2013	\$4,626	0		Skanska USA Building Inc	010 Owner Request	The project was designed to have a smart board supplied by SBBC in between two whiteboards supplied by the contractor. Educational Technology Services (ETS) upgraded its technology using a Mimio-Teach Interactive Whiteboard System in lieu of the smart board system projecting its images onto a whiteboard. This new technology is less expensive than using a smart board which offsets the cost of this change order. The new configuration of the teaching area is now a 4' tack board at each end with a 12' whiteboard in between.	
\$25,050								

Project#	Facility Name	Original Contract /Date	# C.O.'s	Total Changes	Current Contract	Percent Change	Days Extended	Contract Status
1931P0008	Cooper City High	09/07/2011	11	\$595,557	\$18,099,285	3.29 %	83	Active.Cons.I

Concurrent Phased Replacement

Change Order	Board Date	Change Order Amount	Days Extended	Percent Change	Contractor	Item# Reason	Description
007	07/23/2013	\$31,125	0		Skanska USA Building Inc	011 Owner Request	Connect Building #16 (Media) and Building #34 (Classroom) to the new rerouted chilled water lines coming from the new chiller plant, and disconnect the same buildings from the old existing plants.
007	07/23/2013	\$2,764	0		Skanska USA Building Inc	012 Unforeseen Condition	The scope of this project includes the removal and rerouting of the chilled water lines, located on the 3-story canopy adjacent to Building #1, that feed Buildings 4, 6, 7 & 9 that are not scheduled for demolition. When the design was complete, the location of the relocated lines passed directly by the mechanical rooms of the two buildings above. Prior to the start of this project, the school was being supplied by five chiller plants. By tying these last two buildings into the main chiller plant, we eliminate all but the new main plant, making the campus more energy efficient saving on both electrical and maintenance costs.
007	07/23/2013	\$128,931	0		Skanska USA Building Inc	014 Owner Request	Make emergency repairs to the existing irrigation line mains.  Two emergency repairs were needed to be completed on the existing irrigation mains by the existing Media Center and Auto Lab. The contractor was working in the vicinity, but not near the lines that ruptured. Physical Plant Operations and school staff verified that the ruptures were not caused by the contractor work. To expedite the repairs, the contractor's irrigation crew was on-site and made the necessary repairs. Provide labor, material and equipment to convert wireless Marketing, Drafting and Practical Experience Labs to a hard wire data connection. This includes adding additional floor boxes (39) for the data wiring and the additional electric needed to change from laptop computers to desktops. Minimal curriculum changes also occurred at Science Labs.
007	07/23/2013	\$-85,898	0		Skanska USA Building Inc	015 Owner Request	During the design portion of the project, it was determined by Curriculum Specialists, that some of the Design Criteria included in the bid documents did not reflect the current curriculum requirements to meet students' needs.  The contractor will provide a credit for closed circuit security system components that were determined to be obsolete and incorrectly identified in the School Board criteria documents.  There was a change in the Closed Circuit Television (CCTV) technology from analog to digital which was not incorporated into the Design criteria documents prior to the project being released for bid. The CCTV was removed from the contractor's scope of work.
							\$76,922

Project# 1931P0008 Facility Name Cooper City High  
 Contract Name Concurrent Phased Replacement  
 Original Contract /Date 09/07/2011 # C.O.'s 14  
 Total Changes \$595,557 Current Contract \$18,099,285  
 Percent Change 3.29 % Days Extended 83 Contract Status Active.Cons.1

Change Order	Board Date	Change Order Amount	Days Extended	Percent Change	Contractor	Item# Reason	Description
<b>Change Order Items</b>							
							Consultant Error: \$0
							Consultant Omission: \$0
							Owner Request: \$569,618
							Unforeseen: \$25,939
							Other: \$0
							Subtotal: \$595,557
							<b>Constructive Change Directives</b>
							Consultant Error: \$0
							Consultant Omission: \$0
							Owner Request: \$0
							Unforeseen: \$0
							Other: \$0
							Subtotal: \$0
							<b>Grand Total: \$595,557</b>