

Office of School Facilities
Jaime G. Torrens, Chief Facilities Officer

SUBJECT: CHANGE ORDER CONFIRMATION OR APPROVAL

COMMITTEE: FACILITIES AND CONSTRUCTION REFORM

LINK TO STRATEGIC FRAMEWORK: FINANCIAL EFFICIENCY / STABILITY

This request for changes to the construction contract includes items for the School Board's confirmation. Attachment A represents a summary of the change items, the cause for each change, the increase or decrease to the contract and the action recommended to the Board. Attachments B-1 and B-2 represents the effect these changes will have on the individual project contract. These items are presented to the Board for confirmation as required by State Statute.

These items have been recommended by the Project Architect and were confirmed by the Technical Review Committee on October 25, 2011. They were found to be necessary, fair and equitable.

The Project Architect will not receive additional fees for the items that resulted from an error and omissions in the design phase of these projects. This factor will become part of the evaluation of this firm for consideration of future work with this school system. The District will pursue recovery of costs from the Project Architect as called for in the contract.

RECOMMENDED: That The School of Miami-Dade County, Florida, confirm:

B-1 Change Order No. 1 on Project No. 00373300, New Medical Technologies Senior High School, M.A.S.T. Senior High School - "SSS1" for a credit of \$20,000.

B-2 Change Order No. 13 on Project No. 00176800, Addition, Remodeling, Renovations, Historical Restoration, Miami Senior High School for an additional cost of \$197,032 and increase the aggregate change order amount required prior to Board approval by 1%.



Office of Superintendent of Schools
Board Meeting of November 22, 2011

ATTACHMENT A

OFFICE OF SCHOOL FACILITIES

11/3/2011 7:35:41 AM

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COMMITTEE: FACILITIES AND CONSTRUCTION REFORM
LINK TO STRATEGIC FRAMEWORK: FINANCIAL EFFICIENCY/STABILITY

Facility	Project Description	Project No.	Item	Action Req	Staff Auth.	ARG Appvd.	Type	Cause	Adjustment		Days		Description
									Requested	Authorized	Req.	Auth.	
B - 1 Medical Technologies SHS - 'SSS1'	New Medical Technologies SHS (Homestead)	00373300	1	C	10/10/2011	10/18/2011	OW	OR	(\$20,000.00)	(\$20,000.00)	0	0	Partial credit for the unused contract contingency amount. This amount will be transferred to complete the off-site project at a reduced cost.
			1	C	4/22/2011	10/18/2011	ER	CEE	\$3,229.00	\$2,866.00	0	0	Contractor provided labor, material, and equipment to raise the elevation of the newly installed yard drainage structures at the east exterior plaza south of stair #10.
B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	2	C	4/22/2011	10/18/2011	ER	AE	\$1,509.00	\$1,433.00	0	0	Contractor provided labor, material, and equipment to repaint the rear wall of the CCTV studio from Chroma Key Blue to Chroma Key Green.
			3	C	4/22/2011	10/18/2011	OM	AO	\$14,932.00	\$14,010.00	0	0	Contractor provided labor, material, and equipment to modify four existing estate fence gates at existing buildings #3 and #4 for enhanced security purposes.
			4	C	4/22/2011	10/18/2011	OM	CEO	\$18,292.00	\$8,050.00	0	0	Contractor provided labor, material, and equipment to increase the finish elevation by adding approximately 1,900 cubic yards of fill material between the south side of the existing building and the north side of new building #3A.



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B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	5	C	4/22/2011	10/18/2011	OM	AO	\$1,833.00	\$1,310.00	0	Contractor provided labor, material, and equipment to furnish and install two added stair railings at the temporary stair exiting from room #7120, Building #7A, Automotive Vocational Lab.
			6	C	4/22/2011	10/18/2011	OM	AO	\$33,530.00	\$31,552.00	0	Contractor provided labor, material, and equipment to construct a one hour fire-rated emergency egress corridor from the second floor CCTV area in Building #3A through existing Building #3. This also required the installation of a new ventilation fan, additional electrical work for lighting, fire alarm systems and security system.
			7	C	4/22/2011	10/18/2011	OM	AO	\$6,301.00	\$3,241.00	0	Contractor provided labor, material, and equipment to furnish and install an exterior aluminum impact window that meets the required NOA's in lieu of the specified window at Display Room #3113C.



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B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	8	C	4/22/2011	10/18/2011	OM	MEO	\$15,419.00	\$15,273.00	0	Contractor provided labor, material, and equipment to furnish and install a shunt trip at panel #71SP in Building #7A, add a roof-top electrical outlet at Building #7A, change drainage grate at the plaza outside of Building #8 with an ADA drainage grate, add a transfer grille at Room #1720E in Building #7A, and add three fire extinguishers and cabinets in Building #8 as required by the Building Inspector.
			9	C	4/22/2011	10/18/2011	OM	EEO	\$3,436.00	\$3,012.00	0	Contractor provided labor, material, and equipment to provide power to the school's existing marquee sign. The source of power for the existing marquee was fed from existing parking lot to be demolished.
			10	C	4/22/2011	10/18/2011	OM	SEO	\$2,851.00	\$2,698.00	0	Contractor provided labor, material, and equipment to raise the structural steel trusses at first floor covered walkways in Buildings #2 and #5 due to structural design conflict.
			11	C	4/22/2011	10/18/2011	OM	SEO	\$2,763.00	\$2,505.00	0	Contractor provided labor, material, and equipment to furnish and install structural steel plate support for knee wall at room #3120.



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B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	12	C	4/22/2011	10/18/2011	OM	EEO	\$1,305.00	\$1,152.00	0	0	Contractor provided labor, material, and equipment to furnish and install low voltage, wiring and accessories to power electronic sensors at the Communications Medium Laboratory #2102.
			13	C	4/22/2011	10/18/2011	OM	EEO	\$32,191.00	\$16,734.00	0	0	Contractor provided labor, material, and equipment to relocate existing electrical panel located in existing Mechanical Room #107 and reroute electrical feeders to power media center which was scheduled to remain during the phase of construction.
			14	C	4/22/2011	10/18/2011	OM	EEO	\$32,185.00	\$19,449.00	0	0	Contractor provided labor, material, and equipment to furnish and install a new surface-mounted electrical panel conduit, wiring and accessories at existing Building #1 in order to replace the existing panel located in an area scheduled to be demolished.
			15	C	4/22/2011	10/18/2011	OM	SEO	\$5,350.00	\$4,522.00	0	0	Contractor provided labor, material, and equipment to drill and epoxy reinforcing steel into an existing concrete beam at the existing roof gable end where the new concrete canopy ties in at the east side of Room #7101.



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B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	16	C	4/22/2011	10/18/2011	OT	SC	\$2,327.00	\$2,251.00	0	This is to reimburse the Contractor for the use of five dumpsters during FF&E installation.
			17	C	4/22/2011	10/18/2011	OT	SR	\$5,852.00	\$5,616.00	0	Contractor provided labor, material, and equipment to furnish and install two added fire alarm relay modules for elevators #1, #2, #3 and #5 as directed by the Fire Alarm Inspector.
			18	C	4/22/2011	10/18/2011	SC	SC	\$6,288.00	\$6,211.00	0	Contractor provided labor, material, and equipment to furnish and retrofit two of the auto lifts with a type SL-210 lift head suited for unit-body type cars in order to meet M-DCPS revised criteria.
			19	C	4/22/2011	10/18/2011	SC	SC	\$31,329.00	\$31,255.00	0	Contractor provided labor, material, and equipment to furnish and install Bahia sod on the south side of Building #3A and within the area at the east end of the existing PE field that was used as a temporary parking lot for staff. This was done so that the school would have a grassed area for outdoor P.E.



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									Requested	Authorized			
B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	20	C	4/22/2011	10/18/2011	UN	UC	\$1,427.00	\$1,270.00	0	0	Contractor provided labor, material, and equipment to relocate drainage structure #64A in order to avoid a conflict with an existing electrical feeder. This feeder was not accurately shown in the existing as-built drawings.
			21	C	4/22/2011	10/18/2011	UN	UC	\$20,695.00	\$19,492.00	0	0	Contractor provided labor, material, and equipment to relocate sanitary sewer structure closer to existing Building #4 in order to avoid an unforeseen underground utility that was not accurately shown in the existing as-built drawings. This also required an additional 130 linear feet of sanitary piping. Also necessary was to replace sanitary sewer structure E2 and remove an existing black olive tree.
			22	C	4/22/2011	10/18/2011	UN	UC	UC	\$3,239.00	\$3,130.00	0	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 1
 Facility: 7040 Medical Technologies SHS - 'SSS1'
 Project No.: 00373300 New Medical Technologies SHS (Homestead)
 Architect: Zyscovich Inc
 EFCO:
 Contractor: Betancourt Castellon Assoc Inc

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$9,303,705.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$9,303,705.00
THIS CHANGE	(\$20,000.00)
TOTAL NET CHANGE	(\$20,000.00)
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$9,283,705.00

CONTRACT STATUS	
CONTRACT AWARD DATE	March 09, 2011
ORIGINAL CONTRACT COMPLETION DATE	October 20, 2011
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	October 20, 2011
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	October 20, 2011
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 1.5 %)			
TYPE	AMOUNT	Percentage	DAYS
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$0.00	0.00 %	0
OWNER REQUESTS	(\$20,000.00)	-0.21 %	0
UNFORSEEN	\$0.00	0.00 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 13

Facility: 7461 Miami SHS

Project No.: 00176800 Addition, Rem., Ren., Historical Restoration

Architect: Zyscovich Inc

EFCO: Bermello Ajamil & Partners Inc

Contractor: Mcm Corporation

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$49,800,000.00
PREVIOUS EXTRAS	\$1,789,747.00
PREVIOUS CREDITS	(\$635,167.00)
PREVIOUS APPROVED NET CHANGE	\$1,154,580.00
PREVIOUS APPROVED CONTRACT PRICE	\$50,954,580.00
THIS CHANGE	\$197,032.00
TOTAL NET CHANGE	\$1,351,612.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$51,151,612.00

CONTRACT STATUS	
CONTRACT AWARD DATE	October 14, 2009
ORIGINAL CONTRACT COMPLETION DATE	November 18, 2013
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	November 18, 2013
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	November 18, 2013
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 1.5 %)			
TYPE	AMOUNT	Percentage	DAYS
ERRORS	\$112,943.00	0.23 %	0
OMISSIONS	\$790,975.00	1.59 %	0
OWNER REQUESTS	(\$625,820.00)	-1.26 %	0
UNFORSEEN	\$355,946.00	0.71 %	0
OTHER	\$493,039.00	0.99 %	0
SCOPE CHANGE	\$224,529.00	0.45 %	0
HURRICANE	\$0.00	0.00 %	0

LEGEND:

ORIGIN:

A-- A/E
AM-- Asbestos Mgmt.
C-- Contractor
CM-- Construction Manager
D-- MDCPS Specialists/Depts.
DB-- Design Builder
DS-- Design Services (Group)
E-- Educational Fac. Plan.
I-- UBCI
M-- Maintenance Dept.
P-- Project Manager
S-- State DOE
U-- User (Principal/Admin)

ACTION:

A-- Approve
C-- Confirm Staff/TRC Authorize
C/A-- Confirm/Approve Authorize

TYPE:

ER-- P/A/E Error
HC-- Hurricane
OM-- P/A Omission
OT-- Other
OW-- Owner Request
SC-- Scope Change
UN-- Unforeseen

CAUSE:

AE-- Architectural Error
AO-- Architectural Omission
CC-- Criteria Change
CD-- Contractor Default
CE-- Contractor Error
CEE-- Civil Engineering Error
CEO-- Civil Engineering Omission
CL-- Clerical Error
CME-- Construction Manager Error
CMO-- Construction Manager Omission
CR-- Contractor Request
DBD-- Design Builder Default
DBE-- Design Builder Error
DBO-- Design Builder Omission

DBR-- Design Builder Request
EEE-- Electrical Engineering Error
EEO-- Electrical Engineering Omission
FE-- Fastrack/Coord. Error
FO-- Fastrack/Coord. Omission
ID-- Inspection Delay
MD-- Manufacturer Delay
MEE-- Mechanical Engineering Error
MEO-- Mechanical Engineering Omission
OD-- Owner Delay
OO-- Owner Omission
OR-- Owner Request
RA-- Reinstate Alternate
RD-- Rain Delay
SC-- Scope Change
SEE-- Structural Engineering Error
SEO-- Structural Engineering Omission
SR-- State/Local/City Requirement
UC-- Unforeseen Conditions
UD-- Utility Co. Delay
UP-- Unit Price
UR-- Utility Requirement