

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, time extensions or reductions, and the action recommended to the Board. Attachment B-1 through B-5 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 January 13, 2011. They were found to be necessary, fair, and equitable.

The Project Architect will not receive additional fees for the items that resulted from errors 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 schools system. The District will pursue recovery of costs from the Project Architect as called for in the contract.

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

B-1 Change Order No. 1 on Project No. 00457401, Site Drainage, Maintenance Operations – Administration for an additional cost of \$35,170.

B.2 Change Order No 5 on Project No. 00176800, Addition, Remodeling, Renovation, Historical Restoration, Miami Senior High School for an additional cost of \$223,728.

B-3 Change Order No 1 on Project No. 00253900, New Elementary at Southside Elementary School Site, S/S "K1" for a time extension of 122 days.

B-4. Final Change Order, Change Order No. 6 on Project No. A01017, South Dade Senior High School Replacement (S/S "CCC1"), South Dade Senior High School for a credit of \$40,271.

B-5 Final Change Order, Change Order No. 1 on Project No. A01133, New Media Center, Miscellaneous Remodeling, Site Improvements, Springview Elementary School for a credit of \$21,894.

IC:ayb



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ATTACHMENT A

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

Item No.	Project Name	Category	Start Date	End Date	Phase	Unit	Estimate	Actual	Description
B - 1 Maintenance Operations - Administration	site drainage	C	10/27/2010	1/4/2011	UN	UC	\$31,320.30	\$31,320.00	Contractor provided labor, material, and equipment to relocate the box culvert to the South to avoid the removal and relocation of existing oak trees and to not interfere with the existing light poles.
							0	0	
							2	2	0
B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	C	10/28/2010	1/4/2011	ER	AE	\$2,761.00	\$2,250.00	Contractor provided labor, material, and equipment to chip the top of the new beam at Building #3 CEP cooling tower facade in order to make building features line up properly.
							0	0	
							1	2	0
		C	10/28/2010	1/4/2011	OM	AO	\$14,601.00	\$14,139.00	Contractor provided labor, material, and equipment to furnish and install 4 steel light poles in lieu of the specified concrete poles at the Parking Garage top level.
		C	10/28/2010	1/4/2011	OM	EEO	\$7,579.00	\$5,512.00	



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COMMITTEE: FACILITIES AND CONSTRUCTION REFORM		LINK TO STRATEGIC FRAMEWORK: FINANCIAL EFFICIENCY/STABILITY										
Item	Category	Code	Start Date	End Date	OM	EEO	Cost	Cost	Cost	Cost	Cost	Description
B - 2	Miami SHS	00176800										
	Addition, Rem., Ren., Historical Restoration											
4	C		10/28/2010	1/4/2011	OM	EEO	\$11,179.00	\$10,120.00	0	0	0	Contractor provided labor, material, and equipment to furnish and install eight additional exterior light fixtures and associated conduit, wire and accessories at Buildings #3 and #4.
5	C		10/28/2010	1/4/2011	OM	AO	\$5,582.00	\$2,595.00	0	0	0	Contractor provided labor, material, and equipment to furnish and install redesigned architectural grilles at the Parking Garage.
6	C		10/28/2010	1/4/2011	OM	CEO	\$12,308.00	\$8,505.00	0	0	0	Contractor provided labor, material, and equipment to construct two trench drains, one at the Central Energy Plant and at the south entrance to the Parking Garage.
7	C		10/28/2010	1/4/2011	OM	CEO	\$6,425.00	\$2,798.00	0	0	0	Contractor provided labor, material, and equipment to construct a stormwater retention area at the west side of the new parking garage.
8	C		10/28/2010	1/4/2011	OM	EEO	\$8,494.00	\$4,771.00	0	0	0	Contractor provided labor, material, and equipment to furnish and install lighting, conduit, wire and associated materials in order to illuminate seven new display cases in Building #1.



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LINK TO STRATEGIC FRAMEWORK: FINANCIAL EFFICIENCY/STABILITY

Facility	Project No.	Project Name	Category	Start Date	End Date	OM	MEO	Cost	Cost	Cost	Description												
B - 2 Miami SHS	00176800	Addition, Rem., Ren., Historical Restoration	9	C	10/28/2010	1/4/2011	OM	MEO	\$11,610.00	\$11,245.00	0	0	Contractor provided labor, material, and equipment to accommodate the revised kitchen exhaust duct installation at the roof. Ductwork design put it too close to the parapet wall.										
			10	C	10/28/2010	1/4/2011	OM	MEO	\$1,440.00	\$1,415.00	0	0	Contractor provided labor, material, and equipment to core drill concrete to reroute gas piping to emergency generator.										
			11	C	10/28/2010	1/4/2011	OM	AO	\$22,323.00	\$16,100.00	0	0	Contractor provided labor, material, and equipment to standardize the three different types of window sills shown for the new buildings. The standardized stucco-covered window sill was constructed for uniformity and performance.										
			12	C	10/28/2010	1/4/2011	OT	SR	\$5,874.00	\$5,797.00	0	0	Contractor provided labor, material, and equipment to root prune and canopy trim nine "Bishopwood" trees on SW 3rd Street, as required by the City of Miami.										
													13	C	10/28/2010	1/4/2011	OT	SR	\$33,245.00	\$31,608.00	0	0	Contractor provided labor, material, and equipment to furnish and install sump pump at all fire elevator pits, as required by the Elevator Inspector.



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

Item	Project	Category	Start Date	OT	UR	Estimate	Actual	Actual	Actual	Description
B - 2	00176800	C	10/28/2010	1/4/2011	UR	\$1,564.00	\$1,488.00	0	0	Contractor provided labor, material, and equipment to furnish and install fencing and a gate around new exterior transformer at the Parking Garage, as required by FPL.
Miami SHS		C	10/28/2010	1/4/2011	SC	\$4,106.00	\$2,217.00	0	0	Contractor provided labor, material, and equipment to trim and prune existing trees and shrubs on the west side of the Parking Garage in order to allow for painting equipment access.
		C	10/28/2010	1/4/2011	SC	\$14,848.00	\$13,738.00	0	0	Contractor provided labor, material, and equipment to construct a temporary covered walkway to existing elevator #1 at courtyard "B" Building #1. This was necessary due to the relocation of the new telecom room from the east side to the west side of the auditorium.
		C	10/28/2010	1/4/2011	SC	\$1,190.00	\$1,114.00	0	0	Contractor provided labor, material, and equipment to furnish and install temporary gravel over the mud in the swale area prior to final grading for safety and convenience purposes.
		C	10/28/2010	1/4/2011	SC	\$696.00	\$620.00	0	0	Contractor provided labor and equipment to remove vocational equipment from the building to storage in temporary portables.



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B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	19	C	10/28/2010	1/4/2011	SC	SC	\$2,396.00	\$1,361.00	0	0	Contractor provided labor to remove and then later reinstall 120 linear feet of lockers in order to install new electrical room switchgear.
			20	C	10/28/2010	1/4/2011	SC	SC	\$47,342.00	\$27,395.00	0	0	Contractor provided labor, material, and equipment to construct stucco on lath with metal studs roofing fascia at new Buildings #2, #3, #5 and #8, in lieu of the specified stainless steel covered wood fascia, in order to match the existing facility.
			21	C	10/28/2010	1/4/2011	SC	SC	\$64,896.00	\$48,111.00	0	0	Contractor provided labor, material, and equipment to perform directional boring in order to run the new stormwater lines underneath the existing covered walkways to the existing courtyards.
			22	C	10/28/2010	1/4/2011	UN	UC	\$4,183.00	\$3,760.00	0	0	Contractor provided labor, material, and equipment to construct a support beam under the existing building #1 ground floor for structural and safety purposes at the relocated telecom rooms.



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LINK TO STRATEGIC FRAMEWORK: FINANCIAL EFFICIENCY/STABILITY													
B - 2 Miami SHS	Addition, Rem., Ren., Historical Restoration	00176800	23	C	10/28/2010	1/4/2011	UN	UC	\$6,910.00	\$5,581.00	0	0	Contractor provided labor, material, and equipment to excavate and remove existing abandoned underground utilities discovered under the building pad of new Building #3A. These conflicted with the new construction and were not shown on available record drawings.
									\$4,036.00	\$1,488.00	0	0	Contractor provided labor, material, and equipment to reroute new sanitary sewer system piping around an existing active clay pipe sewer line between existing Building #1 and new Building #3.
B - 3 S/S "K1"	New Elem. at Southside ES site	00253900	1	A	10/22/2010	1/4/2011	SC	SC	\$0.00	\$0.00	122	122	This is to extend the contract completion time due to the addition of a new corridor between the existing building and the new building, and by the renovation of existing classrooms.
B - 4 Final Change Order South Dade SHS	South Dade SHS. Replacement (S/S "CCC1")	A01017	1	C	11/8/2010	1/4/2011	OW	OR	(\$40,271.00)	(\$40,271.00)	0	0	Credit for revised landscaping design.
B - 5 Final Change Order Springview ES	New Media Center, Misc Remodel, Site Improvements	A01133	1	C	1/26/2011	1/4/2011	OW	OR	(\$21,894.37)	(\$21,894.00)	0	0	Credit for the unused contingency amount.



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 1

Facility: 9241 Maintenance Operations - Administration

Project No.: 00457401 site drainage

Architect: A D A Engineering Inc

EFCO: Miami Dade County Public Schools

Contractor: Tran Construction Inc

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$689,480.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$689,480.00
THIS CHANGE	\$35,170.00
TOTAL NET CHANGE	\$35,170.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$724,650.00

CONTRACT STATUS	
CONTRACT AWARD DATE	April 14, 2010
ORIGINAL CONTRACT COMPLETION DATE	January 30, 2011
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	January 30, 2011
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	January 30, 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	\$0.00	0.00 %	0
UNFORSEEN	\$31,320.00	4.54 %	0
OTHER	\$3,850.00	0.56 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 5	
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	\$622,145.00
PREVIOUS CREDITS	(\$622,500.00)
PREVIOUS APPROVED NET CHANGE	(\$355.00)
PREVIOUS APPROVED CONTRACT PRICE	\$49,799,645.00
THIS CHANGE	\$223,728.00
TOTAL NET CHANGE	\$223,373.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$50,023,373.00

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 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$69,457.00	0.14 %	0
OMISSIONS	\$378,729.00	0.76 %	0
OWNER REQUESTS	(\$622,500.00)	-1.25 %	0
UNFORSEEN	\$184,889.00	0.37 %	0
OTHER	\$78,713.00	0.16 %	0
SCOPE CHANGE	\$134,085.00	0.27 %	0
HURRICANE	\$0.00	0.00 %	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 1

Facility: 0206 S/S "K1"

Project No.: 00253900 New Elem. at Southside ES site

Architect: Wolfberg Alvarez & Partners

EFCO: Bermello & Associates Inc

Contractor: Coastal Construction Company

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$16,170,000.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$16,170,000.00
THIS CHANGE	\$0.00
TOTAL NET CHANGE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$16,170,000.00

CONTRACT STATUS	
CONTRACT AWARD DATE	July 15, 2008
ORIGINAL CONTRACT COMPLETION DATE	March 27, 2010
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	March 27, 2010
TIME EXTENSION THIS CHANGE	122
ADJ. COMPLETION DATE AFTER THIS CHANGE	July 27, 2010
SUBSTANTIAL COMPLETION DATE	August 13, 2010

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	\$0.00	0.00 %	0
UNFORSEEN	\$0.00	0.00 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	\$0.00	0.00 %	122
HURRICANE	\$0.00	0.00 %	0



SUMMARY OF CHANGE ORDER

FINAL CHANGE ORDER NO. : 6

Facility: 7701 South Dade SHS

Project No.: A01017 South Dade SHS Replacement (S/S "CCC1")

Architect: Architectural Partnership Inc

EFCO: Ronald E Frazier & ASSOC, Pa

Contractor: Pavarini Construction CO(SE)

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$79,622,000.00
PREVIOUS EXTRAS	\$1,111,037.00
PREVIOUS CREDITS	(\$218,530.00)
PREVIOUS APPROVED NET CHANGE	\$892,507.00
PREVIOUS APPROVED CONTRACT PRICE	\$80,514,507.00
THIS CHANGE	(\$40,271.00)
TOTAL NET CHANGE	\$852,236.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$80,474,236.00

CONTRACT STATUS	
CONTRACT AWARD DATE	July 13, 2005
ORIGINAL CONTRACT COMPLETION DATE	September 14, 2008
PREVIOUS TIME EXTENSION	104
PREVIOUS ADJUSTED COMPLETION DATE	December 27, 2008
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	December 27, 2008
SUBSTANTIAL COMPLETION DATE	January 17, 2008

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 1.5 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$147,643.00	0.19 %	0
OWNER REQUESTS	(\$110,132.00)	-0.14 %	0
UNFORSEEN	\$136,558.00	0.17 %	46
OTHER	\$329,012.00	0.41 %	41
SCOPE CHANGE	\$349,155.00	0.44 %	0
HURRICANE	\$0.00	0.00 %	17



SUMMARY OF CHANGE ORDER

FINAL CHANGE ORDER NO. : 1

Facility: 5361 Springview ES

Project No.: A01133 New Media Center, Misc Remodel, Site Improvements

Architect: Spillis Candela & Partners Inc

EFCO: Cap Government Inc

Contractor: Hewett-Kier Construction, Inc.

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$1,644,031.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$1,644,031.00
THIS CHANGE	(\$21,894.00)
TOTAL NET CHANGE	(\$21,894.00)
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$1,622,137.00

CONTRACT STATUS	
CONTRACT AWARD DATE	June 18, 2008
ORIGINAL CONTRACT COMPLETION DATE	September 10, 2009
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	September 10, 2009
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	September 10, 2009
SUBSTANTIAL COMPLETION DATE	August 13, 2009

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	(\$21,894.00)	-1.33 %	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

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