

Office of Superintendent of Schools
Board Meeting of November 19, 2013

November 4, 2013

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

SUBJECT: CHANGE ORDER CONFIRMATION OR APPROVAL

COMMITTEE: FACILITIES AND CONSTRUCTION REFORM

LINK TO STRATEGIC PLAN: FINANCIAL EFFICIENCY/STABILITY

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

This item has been recommended by the Project Architect and was confirmed by the Technical Review Committee on October 22, 2013. It was 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 school system. The District will pursue recovery of costs from the Project Architect as called for in the contract.

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

- B-1.** Change Order No. 34 on Project No. 00176800, Additions, Remodeling, Renovations and Historical Restoration, Miami Senior High School for an additional cost of \$327,462 and a time extension of 11 days.

IC:ayb

F - 34



Office of Superintendent of Schools
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ATTACHMENT A

10/28/2013 11:42:50 AM

OFFICE OF SCHOOL FACILITIES

Jaime G. Torrens, Chief Facilities Officer

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

Facility	CO#	Project Description	Project No.	Item	Action Req	Staff Auth.	ARG Appvd.	Type	Cause	Adjustment		Days	Description
										Requested	Authorized		
B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	1	C/A	9/30/2013	10/17/2013	OM	AO	\$47,101.00	\$39,400.00	5	Contractor provided labor, material, and equipment to furnish and install additional infield (clay) at both the baseball and softball fields. This change also includes 150 l.f. of added 6'-0" high chain link fencing along the east property line along SW 24th Avenue, painting catch basin covers and providing two grate guards.
				2	C/A	9/30/2013	10/17/2013	OM	AO	\$45,036.00	\$28,970.00	7	Contractor provided labor, material, and equipment to furnish and install landscaping and pathways at Courtyard "A".
				3	C	9/30/2013	10/17/2013	ER	CEE	\$2,983.00	\$908.00	0	Contractor provided labor, material, and equipment to modify a previously installed drainage structure in the PE field due to a change in final grading.
				4	C	9/30/2013	10/17/2013	ER	AE	\$7,109.00	\$6,361.00	0	Contractor provided labor, material, and equipment to replace four doors other-than-specified. This change also required the removal and reinstallation of the decorative strap hinges and provides vision panels.



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B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	5	C	9/30/2013	10/17/2013	ER	AE	\$6,728.00	\$5,085.00	0	Contractor provided labor, material, and equipment to revise the swing of Door #1404 in the Criminal Justice Lab to swing outward and provide a vandal-resistant surface mounted light fixture in lieu of the specified ceiling lighting.
				6	C	9/30/2013	10/17/2013	ER	CEE	\$10,173.00	\$9,038.00	0	Contractor provided labor, material, and equipment to relocate and modify two drainage inlets and structures away from the field of play at the softball field, modifying existing drainage structures, installing a new 15" Nyoplast yard drain with a hinged grate with a concrete apron.
				7	C	9/30/2013	10/17/2013	ER	AE	\$45,970.00	\$35,154.00	0	Contractor provided labor, material, and equipment to furnish and install three additional emergency egress gates at the previously installed horizontal security grilles at the south side of Building 3E. Also included is the furnishing and installation of self-luminous exit signs and the modifications necessary to the existing security grilles. This modification was required by the projects BCC.



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B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	8	C	9/30/2013	10/17/2013	OM	AO	\$46,336.00	\$21,943.00	0	Contractor provided labor, material, and equipment to patch and repair existing plaster walls in Rooms #1140B and #1142A at the first floor of Building #1. This change also includes providing drywall, framing insulation and air conditioning at existing Rooms #1317 and #1318 between the third and fourth floors of Building #1.
				9	C	9/30/2013	10/17/2013	OM	AO	\$9,642.00	\$4,222.00	0	Contractor provided labor, material, and equipment to extend a section of the stage in front of the proscenium wall at both the east and west sides of the stage. This was made necessary to allow the required clearance between the new speaker towers and the new stair handrails.
				10	C	9/30/2013	10/17/2013	OM	AO	\$6,303.00	\$1,877.00	0	Contractor provided labor, material, and equipment to furnish and install a return wall at the front of the Jury Seating Area in the Criminal Justice Lab for structural support.



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										Requested	Authorized	Req.	Auth.	
B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	11	C	9/30/2013	10/17/2013	OM	CEO	\$126,083.00	\$47,374.00	0	0	Contractor provided labor, material, and equipment to furnish and install additional storm drainage structures and trench drains drainage structures, additional solid piping of various diameters, and perforated pipe and associated exfiltration trench and ballast rock.
				12	C	9/30/2013	10/17/2013	OM	AO	\$16,484.00	\$13,780.00	0	0	Contractor provided labor, material, and equipment to install a new access panel within the floor of the Auditorium stage.
				13	C	9/30/2013	10/17/2013	OM	EEO	\$9,313.00	\$7,830.00	0	0	Contractor provided labor, material, and equipment to furnish and install additional exterior P/A speakers at the perimeter of the historic buildings.
				14	C	9/30/2013	10/17/2013	OT	SR	\$1,444.00	\$1,133.00	0	0	Contractor provided labor, material, and equipment to furnish and install an alarm audible for the purpose of monitoring and notifying if the ADA lift in-cab telephone is not in working order. This is a new requirement of the current elevator code for lifts.



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B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	15	C	9/30/2013	10/17/2013	SC	SC	\$4,297.00	\$3,377.00	0	0	Contractor provided labor, material, and equipment to furnish and install LED light bulbs into the four existing chandeliers in the Auditorium in lieu of the incandescent bulbs specified. This change will result in a future cost savings for the district.
				16	C	9/30/2013	10/17/2013	UN	UC	\$1,435.00	\$1,125.00	0	0	Contractor provided labor, material, and equipment to furnish and install different -than-specified recessed speakers in the main lobby.
				17	C	9/30/2013	10/17/2013	UN	UC	\$11,768.00	\$10,145.00	0	0	Contractor provided labor, material, and equipment to replace and salvage existing quarry tile base and installation of salvaged quarry tile base in historically prominent locations as well as the installation of new 6" x 6" quarry tile base in salvaged locations.
				18	C	9/30/2013	10/17/2013	UN	UP	\$5,515.00	\$4,290.00	0	0	Contractor provided labor, material, and equipment to repair spalled areas of concrete at existing columns, joist, and beams, beyond the contract allowance.



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B - 1 Miami SHS	34	Addition, Rem., Ren., Historical Restoration	00176800	19	C	9/30/2013	10/17/2013	UN	UC	\$40,671.00	\$31,353.00	0	0	Contractor provided labor, material, and equipment to furnish and install structural modifications required at the Auditorium fly bridge above the stage.
				20	A	9/30/2013	10/17/2013	UN	UC	\$52,212.00	\$49,878.00	0	0	Contractor provided material and equipment for new Auditorium chandelier winches and accessories to allow for single operator use and safety precaution.



SUMMARY OF CHANGE ORDER

CHANGE ORDER NO. : 34	
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	\$5,023,781.00
PREVIOUS CREDITS	(\$686,735.00)
PREVIOUS APPROVED NET CHANGE	\$4,337,046.00
PREVIOUS APPROVED CONTRACT PRICE	\$54,137,046.00
THIS CHANGE	\$323,243.00
TOTAL NET CHANGE	\$4,660,289.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$54,460,289.00

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	11
ADJ. COMPLETION DATE AFTER THIS CHANGE	November 29, 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	\$359,019.00	0.72 %	0
OMISSIONS	\$2,032,636.00	4.08 %	11
OWNER REQUESTS	(\$637,028.00)	-1.28 %	0
UNFORSEEN	\$1,538,673.00	3.09 %	0
OTHER	\$685,415.00	1.38 %	0
SCOPE CHANGE	\$681,574.00	1.37 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	\$4,660,289.00	9.36 %	11

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