

Business Operations  
J.E. Surash, P.E., Chief Business Officer

**SUBJECT:           FINAL CHANGE ORDER NO. 5  
                      PROJECT NO. A0706  
                      DESIGN BUILD  
                      STATE SCHOOL "NN" AT G.W. CARVER MIDDLE SITE  
                      4901 LINCOLN DRIVE, CORAL GABLES, FLORIDA**

**COMMITTEE:       FACILITIES MANAGEMENT**

This request for change in the construction contract includes 11 items for the School Board's confirmation and consideration. Attachment A presents a description of the items, the cause for each change, the effect upon the contract, and the action recommended to the Board. In order to prevent delay in the completion of the project, staff authorized the Design Builder to proceed with items 1 through 4. These items are presented to the Board for confirmation and consideration as required by State Statute.

Change Items Synopsis: Additional cost due to landscaped islands in the parking area, and rainwater leader overflows. Additional cost and time due to temporary wall, and electrical outlets. Credits for additional services, pump, security cameras, topsoil, fencing, and road improvements. Additional time due to FPL delays and sewer rerouting.

This change will decrease the contract price by \$70,437 and extend the contract completion date by 41 days. These items have been recommended by the Design Criteria Professional and were confirmed/approved by the Technical Review Committee on May 17, 2004. They were found to be necessary, fair, and equitable.

Final Contract Status: There are no outstanding punchlist items, mandatories or provisos: and all required deliverables have been received.

**RECOMMENDED:** That The School Board of Miami-Dade County, Florida, confirm/approve Final Change Order No. 5 on Project No. A0706, Design Build, State School "NN" at G.W. Carver Middle Site for a credit of \$70,437 and approve a time extension of 41 days.

OS:ayb

**REVISED  
E - 41**

FINAL CHANGE ORDER

ATTACHMENT A

6341 State School "NN" AT G.W. Carver Middle Site

SUMMARY OF CHANGE ORDER NO.: 5

Project No.: A0706 Design Build

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	DOLLARS		DAYS	
							REQ.	AUTH. REC.	REQ.	AUTH. REC.
1	C	P	10/16/2001	05/13/2004	OW	OR	5,875.80	5,876.00	0	0
<p>Design Builder provided design, labor, material and equipment to construct additional landscaped islands in the new parking area. These islands are to address neighborhood privacy and noise issues, as presented to the City of Miami.</p>										
2	C	P	10/16/2001	05/13/2004	OW	OR	6,692.00	6,692.00	0	0
<p>Design Builder provided design, labor, material and equipment to construct a temporary sound barrier wall at the HVAC system chiller area. This was to address neighborhood noise issues, as presented to a Miami-Dade County Commissioner. A permanent concrete sound barrier wall was subsequently built under a separate contract.</p>										
3	C	U	10/16/2001	05/13/2004	OW	OR	831.00	350.00	0	0
<p>Design Builder provided design, labor, material and equipment to furnish and install electrical, telephone and data outlets in room #105.</p>										
4	C	D	10/16/2001	05/13/2004	OW	OR	2,564.00	2,564.00	0	0
<p>Design Builder provided design, labor, material and equipment to furnish and install additional rainwater leader overflows at grade level on the south side of the building.</p>										
5	C	P	02/16/2004	05/13/2004	OT	DBE	( 15,000.00)	( 16,404.00)	0	0
<p>This credit is to reimburse MDCPS for the cost of DCP additional services for extended contract administration, subsequent to substantial completion.</p>										
6	C	P	02/16/2004	05/13/2004	OW	OR	0.00	( 600.00)	0	0
<p>Design Builder provided a credit for</p>										

FINAL CHANGE ORDER

ATTACHMENT A

6341 State School "NN" AT G.W. Carver Middle Site  
 SUMMARY OF CHANGE ORDER NO.: 5  
 Project No.: A0706 Design Build

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	DOLLARS		DAYS		AUTH. REC.
							REQ.	AUTH. REC.	REQ.	AUTH. REC.	
						furnishing and installing a smaller-than-specified redundant chilled water pump. This meets current MDCPS design criteria.					
7	C	P	02/16/2004	05/13/2004	OW	OR	0.00	( 28,350.00)	0		0
						This credit is for furnishing and installing still CCTV security cameras in lieu of some of the specified tilt/zoom cameras. In some cases two or three still cameras were installed in lieu of one tilt/zoom camera. The quantities and locations of fixed and tilt/zoom cameras are comparable to our current design criteria standards.					
8	C	P	01/08/2004	05/13/2004	OW	OR	( 300.00)	( 300.00)	0		0
						Design Builder provided a credit for furnishing and installing less topsoil than specified due to field conditions.					
9	C	P	01/08/2004	05/13/2004	OW	OR	( 5,104.67)	( 5,361.00)	0		0
						Design Builder provided a credit for the deletion of the chain link fence around the A/C chillers and FPL transformers. A temporary sound barrier wall was constructed per this Change Order, item #2; and a permanent concrete sound barrier wall and fencing were subsequently installed under a separate contract.					
10	C	P	02/16/2004	05/13/2004	OW	OR	( 9,943.84)	( 34,904.00)	0		0
						This credit is for the deletion of the off-site right-of-way road improvements on Jefferson Avenue for bus loading and unloading. This work was not fully performed at the time in order to avoid disrupting bus service to the school, and it will be completed in upcoming project #B01005.					

THE ADDED INFORMATION WAS INADVERTENTLY EXCLUDED FROM AGENDA ITEM E-41

FINAL CHANGE ORDER

ATTACHMENT A

6341 State School "NN" AT G.W. Carver Middle Site

SUMMARY OF CHANGE ORDER NO.: 5

Project No.: A0706 Design Build

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	DOLLARS		DAYS		AUTH. REC.	
							REQ.	AUTH. REC.	REQ.	AUTH. REC.		
11	A	C		05/13/2004	UN	UD	0.00	0.00	49		41	
<p>This is to extend the contract completion time due to FPL's delays in the installation of the new power transformer, and in the removal and relocation of existing off-street electrical poles.</p>												
CHANGE ORDER TOTAL:								-70,437.00				41

FINAL CHANGE ORDER

SUMMARY OF CHANGE ORDER NO.: 5

Facility: 6341 State School "NN" AT G.W. Carver Middle Site  
 Project No.: A0706  
 Description: DESIGN BUILD  
 Architect: HARPER PARTNERS, INC.  
 EFCO: WOLFBERG ALVAREZ & ASSOCIATES  
 Contractor: TARAFI CONSTRUCTION, INC. PRIME: ROBERTO TARAFI

CONTRACT STATUS

ORIGINAL CONTRACT PRICE.....	\$	3,969,500.00
UNUSED CONTINGENCY.....	\$	0.00
CONTRACT PRICE AFTER CONTINGENCY.....	\$	3,969,500.00
PREVIOUS EXTRAS.....	\$	86,345.00
PREVIOUS CREDITS.....	\$	32,083.00
PREVIOUS APPROVED NET CHANGE.....	\$	54,262.00
PREVIOUS APPROVED CONTRACT PRICE.....	\$	4,023,762.00
THIS CHANGE.....	\$	-70,437.00
TOTAL NET CHANGE.....	\$	-16,175.00
ADJUSTED CONTRACT PRICE AFTER THIS CHANGE.....	\$	3,953,325.00
CONTRACT AWARD DATE.....		June 23, 1999
ORIGINAL CONTRACT COMPLETION DATE.....		December 28, 2000
PREVIOUS TIME EXTENSION.....		204
PREVIOUS ADJUSTED COMPLETION DATE.....		July 20, 2001
TIME EXTENSION THIS CHANGE.....		41
ADJUSTED COMPLETION DATE AFTER THIS CHANGE.....		August 30, 2001
PROJECTED COMPLETION DATE.....		N/A
SUBSTANTIAL COMPLETION DATE.....		September 20, 2001

CHANGE CAUSE SUMMARY:

(Totals Including This Change Order. Errors threshold = 1-1/2%)

TYPE	AMOUNT	%	DAYS
ERRORS.....	\$ 0.00	0.00	0
OMISSIONS.....	\$ 0.00	0.00	0
OWNER REQUESTS...	\$ -74,630.00	-1.88	0
UNFORESEEN.....	\$ 0.00	0.00	41
OTHER.....	\$ -16,404.00	-0.41	175
SCOPE CHANGE.....	\$ 74,859.00	1.89	29
HURRICANE.....	\$ 0.00	0.00	0
Totals .....	\$ -16,175.00	-0.40	245

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<b>LEGEND:</b>	<b>TYPE:</b>	DBO--Design-Builder Omission
	ER--PA/E Error	DBD--Design-Builder Default
<b>ORIGIN:</b>	HC--Hurricane Andrew	CD-- Contractor Default
A-- A/E	OM--P/A Omission	CE-- Contractor Error
E-- Educational Fac. Plan.	OT--Other	CR-- Contractor Request
P-- Project Manager	OW--Owner Request	FE-- Fastrack/Coord. Error
D-- DCPS Specialists/Depts.	SC--Scope Change	FO-- Fastrack/Coord. Omission
C-- Contractor	UN--Unforeseen	ID-- Inspection Delay
S-- State DOE	<b>CAUSE:</b>	MD-- Manufacturer's Delay
M-- Maintenance Dept.	AE --Architectural Error	OO-- Owner Omission
U-- User (Principal/Admin.)	AO --Architectural Omission	OD-- Owner Delay
I-- UBCI	EEE--Electrical Engineering Error	OR-- Owner Request
AM--Asbestos Mgmt.	EEO--Electrical Engineering Omission	RA-- Reinstate Alternate
DS--Design Services (Group)	MEE--Mechanical Engineering Error	SC-- Scope Change
CM--Construction Manager	MEO--Mechanical Engineering Omission	SR-- State Requirement/Local/City
	SEE--Structural Engineering Error	RD-- Rain Delay
<b>ACTION:</b>	SEO--Structural Engineering Omission	UC-- Unforeseen Conditions
A-- Approve	CEE--Civil Engineering Error	UD-- Utility Co. Delay
C-- Confirm Staff/TRC Authorize	CEO--Civil Engineering Omission	CL-- Clerical Error
C/A--Confirm/Approve Authorize	DBR--Design-Builder Request	UP-- Unit Price
	DBE--Design-Builder Error	UR-- Utility Requirement
		CMO--Construction Manager Omission
		CME--Construction Manager Error
		CC-- Criteria Change