

Office of Superintendent of Schools
Board Meeting of February 10, 1999

January 28, 1999

Facilities Planning and Construction
Paul J. Phillips, Chief Facilities Officer

SUBJECT: CHANGE ORDER NO. 5
PROJECT NO. A-0429
ADDITIONS, RENOVATIONS AND REMODELING
NORLAND MIDDLE SCHOOL
1235 NW 192 Terrace, Miami, Florida

This request for change in the construction contract includes twenty-three 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 Contractor to proceed with Items 1 through 22. These items are presented to the Board for confirmation and consideration as required by State Statute.

These changes will increase the contract price by \$54,296 and extend the contract completion date by 47 days. These items have been recommended by the Project Architect and were confirmed/approved by the Technical Review Committee, subsequent to completion, on December 10, 1998. 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 the project. This factor will become part of the evaluation of this firm for consideration of future work with this school system.

RECOMMENDED: That The School Board of Miami-Dade County, Florida, confirm/approve Change Order No. 5 on Project No. A-0429, Additions, Renovations and Remodeling, Norland Middle School, for an extra of \$54,296 and a time extension of 47 days.

WS:ayb

J-19

NORLAND MIDDLE
SUMMARY OF CHANGE ORDER NO. 5
Project No. A-0429 Additions, Renovations and Remodeling

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	DESCRIPTION	TYPE	CAUSE	DOLLARS		DAYS		
								REQ.	AUTH. REC.	REQ.	AUTH. REC.	
1	C	C	11/16/98	12/01/98		ER	MEE	1,843.88	929.00	0	0	
					Contractor provided labor, material and equipment to furnish and install wall-mounted in lieu of floor-mounted custodial sinks.							
2	C	C	11/16/98	12/01/98		ER	EEE	372.00	372.00	0	0	
					Contractor provided labor, material and equipment to furnish and install different-than-specified covered walkway light fixtures.							
3	C	I	11/16/98	12/01/98		ER	MEE	884.00	884.00	0	0	
					Contractor provided labor, material and equipment to relocate a mechanical room floor drain, in order to meet code.							
4	C	C	11/16/98	12/01/98		ER	AE	562.00	562.00	0	0	
					Contractor provided labor, material and equipment to furnish and install signage for the emergency escape windows.							
5	C	C	11/16/98	12/01/98		OM	SEO	1,751.00	1,751.00	0	0	
					Contractor provided labor, material and equipment to furnish and install additional structural supports and bracing for the HVAC system rooftop cooling tower.							
6	C	C	11/16/98	12/01/98		OM	EEO	763.00	763.00	0	0	
					Contractor provided labor, material and equipment to furnish and install an additional fire alarm system smoke detector and associated conduit, wire and accessories in the elevator shaft.							
7	C	C	11/16/98	12/01/98		OM	EEO	998.00	872.00	0	0	
					Contractor provided labor, material and equipment to furnish and install different-than-specified circuit breakers in electrical panel #L5B.							

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ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	DESCRIPTION	TYPE	CAUSE	DOLLARS		DAYS		
								REQ.	AUTH. REC.	REQ.	AUTH. REC.	
8	C	C	11/16/98	12/01/98		OM	MEO	1,518.00	1,518.00	0	0	
					Contractor provided labor, material and equipment to furnish and install a fire protection sprinkler water system tamper and flow switch interfaced with the fire alarm system.							
9	C	C	11/16/98	12/01/98		OM	MEO	1,558.00	1,558.00	0	0	
					Contractor provided labor, material and equipment to furnish and install additional HVAC system ductwork-mounted fire alarm system smoke detectors and associated conduit, wire and accessories.							
10	C	D	11/16/98	12/01/98		OM	EEO	1,103.00	1,103.00	0	0	
					Contractor provided labor, material and equipment to furnish and install additional grounding wire and accessories in the existing main electrical room.							
11	C	C	11/16/98	12/01/98		OM	EEO	870.00	870.00	0	0	
					Contractor provided labor, material and equipment to furnish and install additional electrical system terminal lugs for main disconnect #1 in the existing electrical room.							
12	C	P	11/16/98	12/01/98		OM	AO	567.00	567.00	0	0	
					Contractor provided labor, material and equipment to furnish and install rest room urinal wall-mounted stall partitions.							
13	C	P	11/16/98	12/01/98		OM	MEO	217.00	217.00	0	0	
					Contractor provided labor, material and equipment to furnish and install a security cabinet for the emergency gas shut off solenoid system manual reset.							

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								REQ.	AUTH. REC.	REQ.	AUTH. REC.	
14	C/A	C	11/16/98	12/01/98		OM	MEO	3,952.00	3,952.00	5	5	
					Contractor provided labor, material and equipment to furnish and install gas piping and accessories throughout the laboratory addition.							
15	C	S	11/16/98	12/01/98		OM	AO	236.00	236.00	0	0	
					Contractor provided labor, material and equipment to furnish and install a shroud over the weatherproof louver at the elevator machine room.							
16	C	P	11/16/98	12/01/98		OM	AO	782.00	782.00	0	0	
					Contractor provided labor, material and equipment to furnish and install a concrete pad and concrete-filled steel pipe bollards for the L.P. gas tank.							
17	C	C	11/16/98	12/01/98		SC	SC	(360.00)	(360.00)	0	0	
					Contractor provided a credit for wall cabinet and TV bracket changes in rooms #605 and #608.							
18	C	D	11/16/98	12/01/98		SC	SC	7,358.00	6,450.00	0	0	
					Contractor provided labor, material and equipment to furnish and install conduits and accessories for the telephone and data systems.							
19	C/A	P	11/16/98	12/01/98		SC	SC	8,684.00	8,684.00	7	7	
					Contractor provided labor, material and equipment to furnish and install a lawn irrigation system for building #6.							
20	C/A	I	11/16/98	12/01/98		UN	UC	16,033.00	16,033.00	30	30	
					Contractor provided labor, material and equipment to furnish and install fire alarm system devices and associated underground conduit and wire for portable classrooms that were relocated to the site after the design was completed. This was necessary in order to meet code.							

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								REQ.	AUTH. REC.	REQ.	AUTH. REC.	
21	C	C	11/16/98	12/01/98		UN	UC	2,748.00	2,748.00	0	0	
					Contractor provided labor, material and equipment to furnish and install a 600 amp electrical disconnect and accessories in the old FPL main electrical vault, in order to refeed existing circuit #31.							
22	C	C	11/16/98	12/01/98		UN	UC	254.00	254.00	0	0	
					Contractor provided labor, material and equipment to remove and replace deteriorated existing plumbing control valves in the teachers' lounge rest rooms.							
23	C/A	A	11/16/98	12/01/98		UN	UC	3,551.00	3,551.00	5	5	
					Contractor provided labor, material and equipment to furnish and install a roof-mounted exhaust fan and associated power conduit, wire and accessories at the old FPL main electrical vault.							
								SUB-TOTAL	54,296.00		47	
								CHANGE ORDER TOTAL:	54,296.00		47	

SUMMARY OF CHANGE ORDER NO.: 5
 Facility: NORLAND MIDDLE
 Project No.: A-0429
 Description: Additions, Renovations and Remodeling
 ARCHITECT: Fanning/Howey Assoc. of Florida, Inc.
 CONTRACTOR: Mexal Corporation PRIME: Elsa Canelon
 CONTRACT STATUS

ORIGINAL CONTRACT PRICE.....\$ 2,655,000.00
 PREVIOUS EXTRAS.....\$ 79,790.00
 PREVIOUS CREDITS.....\$ 0.00
 PREVIOUSLY APPROVED NET CHANGE.....\$ 79,790.00
 PREVIOUSLY APPROVED CONTRACT PRICE.....\$ 2,734,790.00
 THIS CHANGE.....\$ 54,296.00
 TOTAL NET CHANGE.....\$ 134,086.00
 ADJUSTED CONTRACT PRICE AFTER THIS CHANGE.....\$ 2,789,086.00
 CONTRACT AWARD DATE..... May 21, 1997
 ORIGINAL CONTRACT COMPLETION DATE..... July 15, 1998
 PREVIOUS TIME EXTENSION..... 15
 PREVIOUS ADJUSTED COMPLETION DATE..... July 30, 1998
 TIME EXTENSION THIS CHANGE 47
 ADJUSTED COMPLETION DATE AFTER THIS CHANGE..... September 15, 1998
 PROJECTED COMPLETION DATE..... N/A
 ACCEPTANCE DATE..... October 23, 1998

CHANGE CAUSE SUMMARY:
 (Totals Including This Change Order)

TYPE	AMOUNT	%	DAYS
ERRORS.....	\$ 2,747.00	0.10	0
OMISSIONS.....	\$ 77,319.00	2.91	20
OWNER REQUESTS...	\$ 0.00	0.00	0
UNFORSEEN.....	\$ 25,427.00	0.96	35
OTHER.....	\$ 750.00	0.03	0
SCOPE CHANGE.....	\$ 27,843.00	1.05	7
HURRICANE.....	\$ 0.00	0.00	0
	=====	=====	=====
Totals	\$ 134,086.00	5.05	62

LEGEND

ORIGIN:

TYPE:

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

ACTION

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