

Office of Superintendent of Schools
Board Meeting of January 17, 2001

January 4, 2001

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

**SUBJECT: CHANGE ORDER NO. 6
PROJECT NO. A-0358
NEW ELEMENTARY SCHOOL
DR. CARLOS J. FINLAY ELEMENTARY SCHOOL
851 SW 117 Avenue, Miami, Florida**

This request for change in the construction contract includes thirty-one items for the School Board's confirmation and consideration. Attachment A presents a description of the items, the cause for the 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 29. This item is presented to the Board for confirmation and consideration as required by State Statute.

These changes will increase the contract price by \$137,095 and extend the contract completion date by 135 days. These items have been recommended by the Project Architect and were confirmed/approved by the Technical Review Committee, subsequent to completion, on December 5, 2000. 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. 6 on Project No. A-0358, New Elementary School, Dr. Carlos J. Finlay Elementary School for an extra of \$137,095 and a time extension of 135 days.

AU:ayb

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ATTACHMENT A

5061 DR. CARLOS J. FINLAY ELEMENTARY SCHOOL
SUMMARY OF CHANGE ORDER NO.: 6
Project No.: A-0358 New Elementary School

| ITEM | ACTION REQ | ORIG. | STAFF AUTH. | ARG APPVD. | TYPE | CAUSE | REQ. | DOLLARS | | DAYS | |
|------|---------------|-------|--|---------------|------|-------|----------|---------------|------|---------------|------|
| | | | | | | | | AUTH. REC. | REQ. | AUTH. REC. | REQ. |
| 1 | C | C | 08/08/2000 | 11/14/2000 | ER | EEE | 3,913.30 | 3,913.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install different-than-specified light fixtures in the stage ceiling. | | | | | | | | |
| 2 | C | C | 06/30/2000 | 11/14/2000 | ER | AE | 4,057.40 | 4,057.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to lower the height of computer counters and to cut openings for the wiring raceways beneath the countertops in rooms #019-#023, and #029-#031. | | | | | | | | |
| 3 | C | C | 07/18/2000 | 11/14/2000 | ER | AE | 209.30 | 209.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install different-than-specified roll up doors at the trash compactor area. | | | | | | | | |
| 4 | C/A | D | 07/11/2000 | 11/14/2000 | ER | EEE | 927.00 | 927.00 | 3 | 1 | |
| | | | Contractor provided labor, material and equipment to furnish and install copper water main piping in lieu of the specified ductile iron piping for electrical system grounding purposes, in order to meet code. | | | | | | | | |
| 5 | C | C | 06/01/2000 | 11/14/2000 | ER | CEE | 1,486.05 | 1,486.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to correct the grade at the basketball courts. | | | | | | | | |
| 6 | C | C | 06/01/2000 | 11/14/2000 | ER | MEE | 1,552.00 | 1,552.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install different-than-specified wiring raceway in the science laboratory. This included relocating junction boxes, and wall repairs and refinishing. | | | | | | | | |

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|------|---------------|-------|---|---------------|------|-------|----------|---------------|------|---------------|------|
| | | | | | | | | AUTH. REC. | REQ. | AUTH. REC. | REQ. |
| 7 | C/A | C | 09/23/2000 | 11/14/2000 | ER | MEE | 6,454.00 | 6,454.00 | 7 | 4 | |
| | | | Contractor provided labor, material and to relocate kitchen plumbing lines due to equipment conflicts. | | | | | | | | |
| 8 | C | C | 09/23/2000 | 11/14/2000 | ER | SEE | 3,616.00 | 3,616.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to modify concrete canopies and beams in buildings #1 and #2. | | | | | | | | |
| 9 | C/A | D | 09/23/2000 | 11/14/2000 | ER | AE | 3,788.38 | 3,788.00 | 2 | 2 | |
| | | | Contractor provided labor, material and equipment to remove and replace a 3'-0" door with a 4'-0" door in the kitchen. | | | | | | | | |
| 10 | C | C | 09/23/2000 | 11/14/2000 | ER | AE | 2,581.60 | 2,582.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to modify the library shelving to fit. | | | | | | | | |
| 11 | C | P | 09/23/2000 | 11/14/2000 | ER | AE | 2,956.99 | 2,957.00 | 3 | 0 | |
| | | | Contractor provided labor, material and equipment to relocate the MDCPS provided electronic sign for proper visibility. | | | | | | | | |
| 12 | C | C | 09/23/2000 | 11/14/2000 | ER | EEE | 2,528.05 | 2,528.00 | 3 | 0 | |
| | | | Contractor provided labor, material and equipment to relocate data duct banks that conflicted with built-in cabinets in the music room. | | | | | | | | |
| 13 | C | C | 09/23/2000 | 11/14/2000 | ER | EEE | 2,301.50 | 2,302.00 | 3 | 0 | |
| | | | Contractor provided labor, material and equipment to relocate data duct banks that conflicted with built-in cabinets in the art room. | | | | | | | | |

ATTACHMENT A

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SUMMARY OF CHANGE ORDER NO.: 6
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| ITEM | ACTION REQ | ORIG. | STAFF AUTH. | ARG APPVD. | TYPE | CAUSE | REQ. | DOLLARS | | DAYS | |
|------|---------------|-------|--|---------------|------|-------|----------|---------------|------|---------------|------|
| | | | | | | | | AUTH. REC. | REQ. | AUTH. REC. | REQ. |
| 14 | C | C | 06/28/2000 | 11/14/2000 | OM | AO | 2,719.69 | 2,720.00 | 1 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install a larger-than-specified concrete slab and additional safety surfacing for the playground equipment. | | | | | | | | |
| 15 | C/A | C | 06/28/2000 | 11/14/2000 | OM | CEO | 8,252.00 | 8,252.00 | 5 | 3 | |
| | | | Contractor provided labor, material and equipment to construct a concrete slab and protective bollards for the LP gas tanks. | | | | | | | | |
| 16 | C | C | 09/23/2000 | 11/14/2000 | OM | EEO | 3,934.37 | 3,934.00 | 2 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install underground power conduit and wire for the irrigation pump. | | | | | | | | |
| 17 | C/A | C | 09/23/2000 | 11/14/2000 | OM | MEO | 3,588.57 | 2,683.00 | 4 | 4 | |
| | | | Contractor provided labor, material and equipment to furnish and install regulators on the gas line to the kitchen. | | | | | | | | |
| 18 | C | A | 07/18/2000 | 11/14/2000 | OM | AO | 1,585.00 | 1,585.00 | 2 | 0 | |
| | | | Contractor provided labor, material and equipment to construct concrete landings outside doors #52A, #103C, and #111C, in order to meet ADA requirements. | | | | | | | | |
| 19 | C | C | 06/01/2000 | 11/14/2000 | OM | MEO | 3,409.44 | 3,409.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install an acid neutralizing tank for the science laboratory, in order to meet code. | | | | | | | | |
| 20 | C | C | 06/06/2000 | 11/14/2000 | OM | AO | 3,348.00 | 2,772.00 | 0 | 0 | |
| | | | Contractor provided labor, material and equipment to furnish and install a | | | | | | | | |

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| ITEM | ACTION REQ | ORIG. | STAFF AUTH. | ARG APPVD. | TYPE | CAUSE | DOLLARS | | DAYS | |
|------|---------------|-------|----------------|---------------|------|--|-----------|---------------|------|---------------|
| | | | | | | | REQ. | AUTH. REC. | REQ. | AUTH. REC. |
| | | | | | | | | | | |
| | | | | | | motorized projection screen at the stage. | | | | |
| 21 | C | C | 09/23/2000 | 11/14/2000 | OM | EEO | 33,641.00 | 16,821.00 | 17 | 0 |
| | | | | | | Contractor provided labor, material and equipment to furnish and install security system motion detectors throughout the facility. | | | | |
| 22 | C | U | 09/23/2000 | 11/14/2000 | OM | AO | 5,725.62 | 3,726.00 | 0 | 0 |
| | | | | | | Contractor provided labor, material and equipment to furnish and install lath and plaster walls in the physical education storage room. | | | | |
| 23 | C | C | 09/23/2000 | 11/14/2000 | OM | MEO | 2,292.00 | 2,292.00 | 2 | 0 |
| | | | | | | Contractor provided labor, material and equipment to furnish and install electrical power conduit and wire and water piping to the refrigerator icemaker, and to relocate a sink, in the teachers' lounge. | | | | |
| 24 | C | C | 09/23/2000 | 11/14/2000 | OM | AO | 2,998.84 | 1,758.00 | 0 | 0 |
| | | | | | | Contractor provided labor, material and equipment to paint the ceiling of the physical education shelter. | | | | |
| 25 | C/A | C | 06/06/2000 | 11/14/2000 | OT | SR | 47,595.00 | 39,800.00 | 33 | 17 |
| | | | | | | Contractor provided labor, material and equipment to perform traffic signalization, and road and walkway additions and modifications, as required by Miami-Dade County Public Works Department. | | | | |
| 26 | C | U | 09/23/2000 | 11/14/2000 | OW | OR | 4,058.00 | 4,058.00 | 0 | 0 |
| | | | | | | Contractor provided labor, material and equipment to repaint the main corridor to | | | | |

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|---------------------|---------------|-------|----------------|---------------|------|---|----------|---------------|------|---------------|------|--|
| | | | | | | | | AUTH. REC. | REQ. | AUTH. REC. | REQ. | |
| | | | | | | match the building color. | | | | | | |
| 27 | C | U | 06/01/2000 | 11/14/2000 | SC | SC | 4,534.00 | 2,911.00 | 0 | 0 | | |
| | | | | | | Contractor provided labor, material and equipment to furnish and install underground power conduit and wire for the MDCPS-provided electronic sign. | | | | | | |
| 28 | C | D | 10/20/2000 | 11/14/2000 | SC | SC | 3,368.90 | 3,369.00 | 0 | 0 | | |
| | | | | | | Contractor provided labor, material and equipment to furnish and install magnetic locks at the entrance to building #1. | | | | | | |
| 29 | C | C | 07/18/2000 | 11/14/2000 | UN | UC | 634.36 | 634.00 | 0 | 0 | | |
| | | | | | | Contractor provided labor, material and equipment to repair damaged existing underground water piping adjacent to the F.I.U tennis courts. | | | | | | |
| 30 | A | C | | 11/14/2000 | OT | UD | | | | 155 | 65 | |
| | | | | | | This is to extend the contract completion date due to WASA permitting delays related to the water main installation. | | | | | | |
| 31 | A | C | | 11/14/2000 | UN | RD | | | | 59 | 39 | |
| | | | | | | This is to extend the completion date due to delays caused by rain days above and beyond those allowed for in the contract. | | | | | | |
| CHANGE ORDER TOTAL: | | | | | | | | 137,095.00 | | | 135 | |

SUMMARY OF CHANGE ORDER NO.: 6

Facility: 5061 DR. CARLOS J. FINLAY ELEMENTARY SCHOOL
 Project No.: A-0358
 Description: New Elementary School
 Architect: Harper Partners, Inc.
 Contractor: Engineer Control Systems Corp. PRIME: Frank Zayas

CONTRACT STATUS

| | |
|--|-------------------|
| ORIGINAL CONTRACT PRICE.....\$ | 7,887,000.00 |
| PREVIOUS EXTRAS.....\$ | 308,319.00 |
| PREVIOUS CREDITS.....\$ | 385.00 |
| PREVIOUS APPROVED NET CHANGE.....\$ | 307,934.00 |
| PREVIOUS APPROVED CONTRACT PRICE.....\$ | 8,194,934.00 |
| THIS CHANGE.....\$ | 137,095.00 |
| TOTAL NET CHANGE.....\$ | 445,029.00 |
| ADJUSTED CONTRACT PRICE AFTER THIS CHANGE.....\$ | 8,332,029.00 |
| CONTRACT AWARD DATE..... | February 10, 1999 |
| ORIGINAL CONTRACT COMPLETION DATE..... | April 11, 2000 |
| PREVIOUS TIME EXTENSION..... | 46 |
| PREVIOUS ADJUSTED COMPLETION DATE..... | May 27, 2000 |
| TIME EXTENSION THIS CHANGE..... | 135 |
| ADJUSTED COMPLETION DATE AFTER THIS CHANGE..... | October 09, 2000 |
| PROJECTED COMPLETION DATE..... | N/A |
| ACCEPTANCE DATE..... | November 13, 2000 |

CHANGE CAUSE SUMMARY:

(Totals Including This Change Order)

| TYPE | AMOUNT | % | DAYS |
|---------------------|------------|------|------|
| ERRORS.....\$ | 97,332.00 | 1.23 | 36 |
| OMISSIONS.....\$ | 226,149.00 | 2.86 | 24 |
| OWNER REQUESTS...\$ | 4,058.00 | 0.05 | 0 |
| UNFORESEEN.....\$ | 50,252.00 | 0.63 | 39 |
| OTHER.....\$ | 61,343.00 | 0.77 | 82 |
| SCOPE CHANGE.....\$ | 5,895.00 | 0.07 | 0 |
| HURRICANE.....\$ | 0.00 | 0.00 | 0 |
| Totals\$ | 445,029.00 | 5.64 | 181 |

LEGEND:

ORIGIN:

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

ACTION:

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

TYPE:

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

CAUSE:

- AE --Architectural Error
- AO --Architectural Omission
- EEE--Electrical Engineering Error
- EEO--Electrical Engineering Omission
- MEO--Mechanical Engineering Error
- MEO--Mechanical Engineering Omission
- SEE--Structural Engineering Error
- SEO--Structural Engineering Omission
- CEE--Civil Engineering Error
- CEO--Civil Engineering Omission
- DBR--Design-Builder Request
- DBE--Design-Builder Error

- DBO--Design-Builder Omission
- DBD--Design-Builder Default
- CD-- Contractor Default
- CE-- Contractor Error
- CR-- Contracto Request
- FE-- Fastrack/Coord. Error
- FO-- Fastrack/Coord. Omission
- ID-- Inspection Delay
- MD-- Manufacturer's Delay
- OO-- Owner Omission
- OD-- Owner Delay
- OR-- Owner Request
- RA-- Reinstate Alternate
- SC-- Scope Change
- SR-- State Requirement/Local/City
- RD-- Rain Delay
- UC-- Unforseen Conditions
- UD-- Utility Co. Delay
- CL-- Clerical Error
- UP-- Unit Price
- UR-- Utility Requirement
- CMO--Construction Manager Omission
- CME--Construction Manager Error