

October 8, 2003

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

**SUBJECT:           CHANGE ORDER NO. 2  
                      PROJECT NO. A0592C  
                      EMERGENCY STAND-BY GENERATOR  
                      MAINTENANCE AND OPERATIONS  
                      12525 NW 28 Avenue, Opa-locka, Florida**

**COMMITTEE:       FACILITIES MANAGEMENT**

This request for change in the construction contract includes seven 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 5. These items are presented to the Board for confirmation and consideration as required by State Statute.

Change Items Synopsis: Additional cost to reimburse the Contractor for an additional FPL shutdown; reroute water pipes; add conduit, wire and a transformer; and extend contract completion date. It includes final resolution of Contractors claims for emergency feed conduit and wire.

This additional cost will increase the contract price by an amount of \$30,276 and extend the contract completion date by 62 days. These items have been recommended by the Project Architect and were confirmed/approved by the Technical Review Committee, subsequent to completion, on September 29, 2003. 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. 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 Change Order No. 2 on Project No. A0592C, Emergency Stand-by Generator, Maintenance and Operations for an additional cost of \$30,276 and approve a time extension of 62 days.

**CC:ayb**

## 9171 MAINTENANCE AND OPERATIONS

SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A0592C Emergency Stand-By Generator

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	REQ.	DOLLARS	AUTH.	DAYS	AUTH.
								REQ.	REC.	REQ.	REC.
1	C	P	07/08/2003	08/28/2003	ER	EEE	1,617.02	1,617.00	24	0	
			This reimburses the Contractor for the cost of an additional FPL shutdown, due to the relocation of an electrical main disconnect that was approved as a previous change order.								
2	C	D	07/08/2003	08/28/2003	ER	EEE	1,606.59	1,607.00	14	0	
			Contractor provided labor, material and equipment to reroute water pipes to facilitate electrical grounding, in order to meet code.								
3	C	C	07/08/2003	08/28/2003	CM	EEO	5,605.13	5,605.00	3	0	
			Contractor provided labor, material and equipment to furnish and install conduit, wire and accessories to separate emergency circuits at panel ERTU from normal circuits, in order to meet code.								
4	C	C	07/08/2003	08/28/2003	CM	EEO	2,447.38	2,447.00	21	0	
			Contractor provided labor, material and equipment to furnish and install conduit, wire, accessories and a transformer to separate emergency circuits at panels HD and HC from normal circuits, in order to meet code.								
5	C	C	09/24/2003	09/09/2003	UN	UC	19,000.00	19,000.00	0	0	
			Contractor provided labor, material and equipment to furnish and install main emergency power feed conduit and wire. This was necessary in lieu of using existing conduit and wire which was found to be defective and unusable.								
6	A	C		08/28/2003	CM	EEO	0.00	0.00	24	24	
			This is to extend the contract completion date due to an additional FPL shutdown.								

FINAL CHANGE ORDER

ATTACHMENT A

9171 MAINTENANCE AND OPERATIONS

SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A0592C Emergency Stand-By Generator

ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	DOLLARS		DAYS	
							REQ.	AUTH. REC.	REQ.	AUTH. REC.
7	A	C		08/28/2003	ER	EEE	0.00	0.00	38	38

This is to extend the contract completion  
date due to additional electrical work.

CHANGE ORDER TOTAL: 30,276.00 62

SUMMARY OF CHANGE ORDER NO.: 2

Facility: 9171 MAINTENANCE AND OPERATIONS  
 Project No.: A0592C  
 Description: EMERGENCY STAND-BY GENERATOR  
 Architect: POST BUCKLEY SCHUH JERNIGAN, INC.  
 EFCO: RONALD E FRAZIER & ASSOC, PA  
 Contractor: F & L CONSTRUCTION, INC. PRIME: JULIO G. BATISTA

CONTRACT STATUS

ORIGINAL CONTRACT PRICE.....\$	567,000.00
PREVIOUS EXTRAS.....\$	10,386.00
PREVIOUS CREDITS.....\$	752.00
PREVIOUS APPROVED NET CHANGE.....\$	9,634.00
PREVIOUS APPROVED CONTRACT PRICE.....\$	576,634.00
THIS CHANGE.....\$	30,276.00
TOTAL NET CHANGE.....\$	39,910.00
ADJUSTED CONTRACT PRICE AFTER THIS CHANGE.....\$	606,910.00
CONTRACT AWARD DATE.....	September 12, 2002
ORIGINAL CONTRACT COMPLETION DATE.....	May 10, 2003
PREVIOUS TIME EXTENSION.....	0
PREVIOUS ADJUSTED COMPLETION DATE.....	May 10, 2003
TIME EXTENSION THIS CHANGE.....	62
ADJUSTED COMPLETION DATE AFTER THIS CHANGE.....	July 11, 2003
PROJECTED COMPLETION DATE.....	N/A
SUBSTANTIAL COMPLETION DATE.....	July 11, 2003

CHANGE CAUSE SUMMARY:

(Totals Including This Change Order. Errors + 15 % Omissions threshold = 1-1/2%)

TYPE	AMOUNT	%	DAYS
ERRORS.....\$	5,376.00	0.94	38
OMISSIONS.....\$	16,286.00	2.87	24
OWNER REQUESTS...\$	-503.00	-0.08	0
UNFORESEEN.....\$	19,000.00	3.35	0
OTHER.....\$	0.00	0.00	0
SCOPE CHANGE....\$	-249.00	-0.04	0
HURRICANE.....\$	0.00	0.00	0
Totals .....\$	39,910.00	7.03	62

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LEGEND:

TYPE:

DBO--Design-Builder Omission

ORIGIN:

HC--Hurricane Andrew

DBD--Design-Builder Default

A-- A/E

OM--P/A Omission

CD-- Contractor Default

E-- Educational Fac. Plan.

OT--Other

CE-- Contractor Error

P-- Project Manager

OW--Owner Request

CR-- Contractor Request

D-- DCPS Specialists/Depts.

SC--Scope Change

FE-- Fastrack/Coord. Error

C-- Contractor

UN--Unforseen

FO-- Fastrack/Coord. Omission

S-- State DOE

CAUSE:

ID-- Inspection Delay

M-- Maintenance Dept.

AE --Architectural Error

MD-- Manufacturer's Delay

U-- User (Principal/Admin.)

AO --Architectural Omission

OO-- Owner Omission

I-- UBCI

EEE--Electrical Engineering Error

OD-- Owner Delay

AM--Asbestos Mgmt.

EEO--Electrical Engineering Omission

OR-- Owner Request

DS--Design Services (Group)

MEE--Mechanical Engineering Error

RA-- Reinstate Alternate

CM--Construction Manager

MEO--Mechanical Engineering Omission

SC-- Scope Change

ACTION:

A-- Approve

CEE--Civil Engineering Error

SR-- State Requirement/Local/City

C-- Confirm Staff/TRC Authorize

CEO--Civil Engineering Omission

RD-- Rain Delay

C/A--Confirm/Approce Authorize

DBR--Design-Builder Request

UC-- Unforseen Conditions

DBE--Design-Builder Error

UD-- Utility Co. Delay

CL-- Clerical Error

UP-- Unit Price

UR-- Utility Requirement

CMO--Construction Manager Omission

CME--Construction Manager Error

CC-- Criteria Change