Office of School Facilities

Jaime G. Torrens, Chief Facilities Officer

SUBJECT:

APPROVAL OF:

- 1. FINAL CHANGE ORDER
 CHANGE ORDER NO. 2 (ATTACHMENT A)
 PROJECT NO. A01020
 NEW MIDDLE SCHOOL PROTOTYPE
 ZELDA GLAZER MIDDLE SCHOOL (S/S "UU1")
 15015 SW 24 STREET, MIAMI, FLORIDA;
- 2. FINAL CHANGE ORDER
 CHANGE ORDER NO. 1 (ATTACHMENT B)
 PROJECT NO. A0725
 NEW MIDDLE SCHOOL PROTOTYPE
 HIALEAH GARDENS MIDDLE SCHOOL (S/S "MM1")
 11690 NW 92 AVENUE, MIAMI, FLORIDA; AND
- 3. FINAL CHANGE ORDER
 CHANGE ORDER NO. 2 (ATTACHMENT C)
 PROJECT NO. A01026
 NEW MIDDLE SCHOOL PROTOTYPE
 ANDOVER MIDDLE SCHOOL (S/S "PP1")
 121 NE 207 STREET, MIAMI, FLORIDA

COMMITTEE:

FACILITIES AND CONSTRUCTION REFORM

LINK TO

STRATEGIC PLAN:

IMPROVE CONSTRUCTION SERVICES

Background

At its meeting of July 12, 2006, in Item F-34, the School Board approved the award to James A. Cummings, Inc. of a contract to build three prototype middle schools in the amount of \$103,393,006 (inclusive of \$2,275,408 in owner's contingency). This price was 11.2% lower than the independent cost estimate of \$114,949,918 and 11.8% lower than the Project Architect's estimate of \$115,550,000 for the three schools.

In order to meet the planned occupancy date of August 2008, the then Chief Facilities Officer recommended award of these projects although construction plans were incomplete and still under development.

REVISED REPLACEMENT F - 40

This was a conscious decision on the part of management at the time, to proceed with award while completion of the drawings and engineering calculations continued throughout the construction phase of the project. As a result, the construction management firm made extensive assumptions, as well as required numerous clarifications and proposed potential Value Engineering items in their quoted guaranteed maximum price; an aggravating factor was that despite these substantive uncertainties at the time of award, the owner's contingency was established at only 2.2%, an unusually low amount even for fully developed plans.

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Further, an important benefit of a prototype construction program is to build one project then refine design and construction methods on subsequent iterations. This generally results in reduced cost and improved quality over time; however, the three middle schools were awarded concurrently thereby precluding any benefit to the District for lessons learned.

Description

At the request of the current Chief Facilities Officer, the items recommended in these change orders have been reviewed and validated by Quantum Consulting Group LLC, external auditors. The District is currently seeking reimbursement from the Project Architect for errors and omissions.

This request for change in the construction contract includes 107 items for the School Board's confirmation and consideration. Attachments A, B and C present 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 Construction Manager to proceed with the approval items. These items are presented to the Board for confirmation and consideration as required by State Statute.

Change Items Synopsis: These changes are primarily due to Value Engineering recommendations and assumptions included in the GMP that were not implemented, thereby requiring "Tectum" ceiling panels in lieu of standard acoustical tile ceilings in all classrooms, cast-in-place concrete in lieu of tilt-wall panels and increased exterior tilt-wall panel heights. These also include electrical, mechanical and structural upgrades due to revised calculations and design documents, credits for unused Builders Risk Insurance allowances and TV brackets.

These changes will increase the contract price for Zelda Glazer Middle School by \$2,144,450, for Hialeah Gardens Middle School by \$1,867,934 and for Andover Middle School by \$2,311,346. These items have been recommended by the Project Architect and were confirmed/approved by the Technical Review Committee on March 6, 20 and 23, 2009. They were found to be necessary, fair, and equitable.

The revision to Recommendation No. 4 is being proffered based on discussion regarding | ADDED this item at the Facilities Construction and Reform Committee on March 23, 2009.

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

- 1. Change Order No. 2 on Project No. A01020 (Attachment A) New Middle School Prototype, Zelda Glazer Middle School, Attachment A (S/S "UU1") for an additional cost of \$2,144,450;
- 2. Change Order No. 1 on Project No. A0725 (Attachment B) New Middle School Prototype, Hialeah Gardens Middle School, Attachment B (S/S "MM1") for an additional cost of \$1,867,934;
- 3. Change Order No. 2 on Project No. A01026 (Attachment C) New Middle School Prototype, Andover Middle School, (S/S "PP1") for an additional cost of \$2,311,346; and
- 4. authorize the Superintendent to withhold payment in an amount of \$632,373 (10 percent of the total value of the Final Change REVISED Orders, Items 1, 2 and 3 above) for up to 90 days or until such time as the District has resolved any pending issues with respect thereto, whichever is sooner.

JS:avb

5052 Zelda Glazer Middle School SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A01020 New Middle School Prototype

			.				, D	OLLARS	DAYS	······································
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
TEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
1	С	С	08/05/2008	02/18/2009	sc	sc	40,501.00	40,501.00	0	0
			Construction M	anager provid	ed labo	r,				÷
			material and e	quipment to i	ncrease	the	•			
			heights of the	exterior con	crete t	ilt wall	**	the specific		
			panels by one	foot at all b	uilding	s. This	··	A Language		
			was due to a V	alue Engineer	ing	**				
			recommendation	in the GMP t	hat was	not				
			incorporated.							
2	C	С	02/18/2009	02/18/2009	OT	CR	27,394.00	27,394.00	· o .	0
			This reimburse	s the Constru	ction 1	lanager				•
			for unrealized	l sales tax sa	vings o	of the				
			district's dir	ect purchase	progra	a.				
3	С	С	02/18/2009	02/18/2009	OT	SR	9,420.10	9,420.00	0.	, a
			Construction N	Manager provid	ded lab	or,				
1			material and e	equipment to	pick up	and				
Ŧ			modify solar s	school crossi	ng sign	al				
•			lighting mast	arms that we	re borr	owed from				
			Miami-Dade Co	unty Public W	orks; a	nd then				
			subsequently :	ceturning the	newly	ordered				
			mast arms.	•						
4	С	С	12/10/2008	02/18/2009	от	SR	4,244.90	4,245.00	o	•
			Construction	Manager provi	ded lab	or,				
			material and	equipment to	furnish	and				
			install a mod	ified drainag	e outfa	11.	•			
			structure and	associated p	iping f	or the				•
			lake on the N	orth side in	order t	o comply				
			with DERM bas			,				
5	C	P	08/05/2008	02/18/2009) OM:	OR (11,526.00}	(11,526.00)	0	
			Credit for fu	rnishing and	instal]	ing VCT				
			flooring in l	ieu of the sp	ecifie	i carpet				
			in the media	center.						
6	С	P	08/05/2008	02/18/2009	9 OW	OR (21,442.00)	(21,442.00)	0	
			Credit for no	ot furnishing	and in:	stalling	•			
)				throughout the		_				
1						1				

the installation of "Smartboards".

6052 Zelda Glazer Middle School SUMMARY OF CHANGE ORDER NO.: 2

	ACTION		STAFF	ARG				DOLLARS	DAY	s
ITEM	REQ	ORIG		APPVD.	TYPE	CAUSE	REQ.	TUA		AUTH.
								· RE	C. REQ.	REC.
7	A	CM		02/18/2009	SC	sc	61,137.72	<i>c.</i>		
						50	01,137.72	61,138.	00 0	0
			This is to re	imburse the Co	nstruct	ion				
			Manager for t	he cost of ele	ctricit	¥				
			subsequent to	substantial c	ompletí	on and	* *	12 7. 7 2 % T		
			occupancy.				• -			
8	A	CM	•	02/18/2009	sc	sc	117,052.00	114,778.	00 o	0
			Construction	Manager to pro	vido la	hau				
			material and	equipment to f	viue la Urnieh	por,				
				structure for						
				in classrooms						
			facility. Th	is change in r	equirem	ents is				
			now being inc	luded in all p	rojects					
				_						
9	A	C		02/18/2009	SC	SC.	96,051.00	05 051		
							30,031.00	96,051.0	0 0	0
			Construction 1	Manager to pro	vide la	bor,				
			material and	equipment to co	onstruc	t				
			cast-in-place	concrete at ti	he exte	cior		•		
	1		corridors in	lieu of tilt-wa	all pane	els.				
			This was due t	to a Value Engi	ineerin	3 .	•			
				n in the GMP th	nat was	not				
		•	incorporated.					•		
10	Ċ	P	12/10/2008	02/18/2009	OW	OR			4	
				, 20, 2005	011	OK	(71,856.00)	(85,522.00) 0	0
			Credit for the	unused Builde	ers Risl	c .				
			Insurance allo							÷
. 11	A	СМ		02/18/2009	sc	sc	74,638.00	74,638.0		
							,	74,030,0	U U	U
			This compensat	es the Constru	ction N	fanager		•		
				on-site earth						
			utilities work	above and bey	ond the	civil				
			Contract allow	ance.						
12	A	См		02/10/0000			•			
				02/18/2009	sc	SC	182,770.00	176,142.0	0 0	0
			Construction M	Manager to prov	rida let					
				quipment to fu						
				m" ceiling pan						
			structural joi	sts in lieu of	era DGD	ween dod				
				e ceilings in		raea				,
				= serrings III	OTT					
								•		

5052 Zelda Glazer Middle School SUMMARY OF CHANGE ORDER NO.: 2

				DO	LLARS	DAYS	
THEFA	ACTION		STAFF ARG	REQ.	AUTH.		AUTH.
ITEM	REQ	ORIG.	AUTH. APPVD. TYPE CAUSE		REC.	REQ.	REC.
			classrooms. This was due to a Value				
			Engineering recommendation in the GMP that				
			was not incorporated.				
			•				
13	С	ı	11/28/2007 02/18/2009 ER MEE	25,908.00	25.908.00	0	0
				23,300.00	15/500.00	·	·
			Construction Manager provided labor,				
			material and equipment to furnish and				
			install additional fire dampers in lieu of				
			already installed smoke dampers at				-
			Buildings "B" and "F" vestibule and				
			corridors, as required by the Building				
			Inspector.				
			· · · · · · · · · · · · · · · · · · ·				
14	С	С	08/05/2008 02/18/2009 ER SEE	18,968.00	18,968.00	ο.	0
				20,300.00	20,500.00	ŭ	·
			Construction Manager provided labor,				
			material and equipment to increase tilt				
			wall parapet height, in order to properly	•			
)			flash and terminate the roofing system at				
,			Building "F".				
	•						
15	С	С	08/05/2008 02/18/2009 ER EEE	23,912.00	23,039.00	. 0	. 0
				• • •	•		
			Construction Manager provided labor,				
			material and equipment to replace				
			improperly specified light fixtures at the				
			exterior corridors of the Language Arts	•			
			Laboratory and to furnish and install				
			protective wire guards on all exterior				
			corridor exit signs.				
16	С	C	08/05/2008 02/18/2009 ER AE	46,277.00	35,000.00	0	. 0
				40,277.00	33,000.00	·	•
			Construction Manager provided labor,				
			material and equipment to construct a new				
			computer server room on the second floor				
			of building "A". The designated computer				
			server room on the first floor was				
			utilized for ITS components since the ITS		*.		
			•				-
•			Equipment Room was too small. This				
			includes all architectural, electrical and	•			
			mechanical changes.				

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	ACTION		STAFF	ARG				DOLLARS		
ITEM	REQ	ORIC		APPVD.	my n=	-	REQ.	AUTH.		AUTH
17					TYPE	CAUSE		REC.	REQ.	REC
	C	С	08/05/2008	02/18/2009	ER	MEE	7,941.00	7,941.00	0	
			Construction	Manager provid						
		_	material and	equipment to r	eu labo	r,				
			ductwork and	to furnish and	eroute	HVAC .				
			Additional fi	co furnish and	instal	1		25-1-27		
			exhaust fan i	re dampers for	the st	age				
			Changes at the	n Building "F" e thrust stage	, due t	o design				
			gos ac cir	e Chrust stage	•					
18	C	СМ	11/28/2007	02/18/2009	ER	AE	24 750 00			
					Lak	ne.	34,760.00	17,029.00	0	
•			Construction 1	Manager provide	ed labo	-			•	
			material and	equipment to in	ocresee	the	•			
			height of the	parapet and e	lovetes	cue				
			machinge room	walls, and con	revacor	_				
			masonry enclos	sure at the or	and other	a.				
			-	at the gr	na sta	LE.		**		
19	· c	СМ	02/11/2007	02/18/2009	ER	MEE				
						PIEE	9,804.00	7,882.00	0	
			Construction M	Manager provide	d laho	r				
			material and e	quipment to fi	rnish s	and				
			install an add	litional kiln m	COOM ext					
			vent and assoc	iated ductwork	:.					
•				-	-					
20	C	1	11/28/2007	02/18/2009	ER	MEE	46,313.00	42 172 00		
					•		10,515.00	42,173.00	0	•
			Construction M	lanager provide	d labor	·,				
			material and e	quipment to fu	rnish a	and		•		
	•		install additi	onal floor sin	ke and	floor				
			drains in the	food preparati	on, loc	ker				
			rooms, and com	pactor areas o	f Build	li.ng	2.00 mg/s			
			"F", as requir	ed by the Buil	ding	-				
			Inspector.							
21	С	I	12/15/2007	02/18/2009	ER	MEE	31,930.00	24,125.00	0	(
			Ci				•		Ū	`
			Construction M	anager provide	d labor	,				
			material and e	quipment to fu	rnish a	nd				
			install addition	onal HVAC syst	em fire					
			dampers in the	Building "F"	kitchen	, as				
			required by the	e Building Ins	pector.					
22	C	(Tra	11 (00 (00 =						. •	
_	•	CM	11/28/2007	02/18/2009	OM	CEO	7,842.00	7,319.00	0	. 0
			Construction Ma	mager provide	4 1-1-					
			matorial	Aer browfde	1 Labor	•				
			Construction Ma	anager provide Quipment to fu	d labor rnish a	, nd				

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	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			icatall addibi	ennl £4 dinm	.to=	l +			-	
			install additi			_				
			sewer and pota	Die Marei II	les, as	redutted				
			by WASA.							
23	c	c	08/05/2008	02/18/2009	ER 75	SEE	26,634.00	26,634.00	0	. 0
23	•	· ·	00,03, \$000	02/10/2003	DIX.	522	20,034.00	20,034.00	v	
			Construction M	anager provi	ded labo	r .				
			material and e							
			install thicke							
			edges at the b							
			and the P.E. s	_		_				
24	С	I	08/05/2008	02/18/2009	OM	OA	2,616.00	1,877.00	. 0	0
			Construction N	Manager provi	ded labo	r,				
			material and e	equipment to	furnish	and				
			install fenci	-		•	•	•		
			regulators at	-						
7			required by th	ne Building I	nspector					
"		_					40.005.00	44 005 00		0
25	С	С	08/05/2008	02/18/2009) OM	SEO	18,885.00	14,885.00	0	U
			Construction 1	Manager provi	ded labo	or.	•			
			material and							
			install addit							
			the Building	"D" connector	walkway	ŗa.		•		
					-			•		
26	С	C	00/05/2008	02/18/200	9 Ó₩	AO	68,055.00	31,777.00	0	0
			Construction	Managar nross	idad lab	~=				
			material and			•				
			install addit		Larinon	and				
			different-tha	·	vi ndova	and			* **	
			storefronts.	n opcorraca						•
-			000000000							
27	С	С	08/05/2008	02/18/200	9 OM	AO	20,850.00	20,850.00	0	0
~-	·	ŭ	00,00,200	02, 20, 200			20,000.00	20,00000		
			Construction	Manager prov	ided lab	or,	•			
			material and							
			install addit							
			the serving l		-					
			_							
28	A	I		02/18/200	9 OM	MEO	305,264.00	248,408.00	0	. 0
1									•	
,			Construction	Manager to p	rovide l	abor.			•	

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ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	53.55	REQ.	AUTH.		AUTH.
·	OKIG.	AUIN.	APPVD.	TYPE					
					CAUSE	<u> </u>	REC.	REQ.	REC.
		material and or		£					
		material and eq							
		install additio			cified				
		HVAC system chi							
		additional smok		_					
		ductwork and in					` -		
					and		*		
		drawings throug	hout the fa	cility.	********	•	* · · · · · · · · · · · · · · · · · · ·		
A	С		02/18/2009	OT	SR	94,160.00	0.00	155	84
		This is to exte	nd the cont	ract com	pletion				
								•	
•						i	• •		
		July 15, 2008.							
·c	c	12/10/2008	02/18/2009	ER	AE	17,873.00	17,000.00	0	o
		Construction Mar	nager nyori	dod lak-	_				
						•			
					ves at				
		the Band and Vo	car Classro	oms.					
C	C	12/10/2008	02/18/2009	ER	EEE	14,478.00	14,000.00	o.	0
		Construction Man	nager provi	ded labo	r.				
					tanla.			•	
		-	-						
С	С	12/10/2008	02/18/2009	ER	AE	4,772.00	4,000.00	0	0
		Construction Mai	nager provi	ded laho	r.				
					114				
	C	c c	Mechanical Engineration drawings through	Mechanical Engineer's calce drawings throughout the fa A C 02/18/2009 This is to extend the cont time with no additional co to additional off-site work signalization, sidewalks, roadway restoration as req agencies including Public DERM and the Department of additional work was approv Change order #1 at the Boa July 15, 2008. C C 12/10/2008 02/18/2009 Construction Manager provi material and equipment to install additional exterio hardware at Building "B", removable picket railing w the Band and Vocal Classro C C 12/10/2008 02/18/2009 Construction Manager provi material and equipment to install miscellaneous addi electrical conduits, wirin and lighting fixture at va throughout the facility. cutting, patching and fini C C 12/10/2008 02/18/2009 Construction Manager provi material and equipment to	Mechanical Engineer's calculations drawings throughout the facility. A C 02/18/2009 OT This is to extend the contract cometime with no additional compensation to additional off-site work included signalization, sidewalks, drainaged roadway restoration as required by agencies including Public Works, We DERM and the Department of Health. additional work was approved as its Change order \$1 at the Board Meetinguly 15, 2008. C C 12/10/2008 02/18/2009 ER Construction Manager provided labout material and equipment to furnish install additional exterior gates hardware at Building "B", and additional extension gates hardware at Building "B", and additional extension with sleep the Band and Vocal Classrooms. C C 12/10/2008 02/18/2009 ER Construction Manager provided labout material and equipment to furnish install miscellaneous additional electrical conduits, wiring, recept and lighting fixture at various lot throughout the facility. This incounting, patching and finish paints C C 12/10/2008 02/18/2009 ER Construction Manager provided labout cutting, patching and finish paints	Mechanical Engineer's calculations and drawings throughout the facility. A C 02/18/2009 OT SR This is to extend the contract completion time with no additional compensation due to additional off-site work including signalization, sidewalks, drainage and roadway restoration as required by outside agencies including Public Works, WASA, DERM and the Department of Health. This additional work was approved as item #2 of Change order #1 at the Board Meeting of July 15, 2008. C C 12/10/2008 02/18/2009 ER AE Construction Manager provided labor, material and equipment to furnish and install additional exterior gates and hardware at Building "B", and additional removable picket railing with sleeves at the Band and Vocal Classrooms. C C 12/10/2008 02/18/2009 ER EEE Construction Manager provided labor, material and equipment to furnish and install miscellaneous additional electrical conduits, wiring, receptacles and lighting fixture at various locations throughout the facility. This included cutting, patching and finish painting. C C 12/10/2008 02/18/2009 ER AE Construction Manager provided labor, material and equipment to remove and	Mechanical Engineer's calculations and drawings throughout the facility. A C 02/18/2009 OT SR 94,160.00 This is to extend the contract completion time with no additional compensation due to additional off-site work including signalization, sidewalks, drainage and roadway restoration as required by outside agencies including Public Works, WASA, DERM and the Department of Health. This additional work was approved as item \$2 of Change order \$1 at the Board Meeting of July 15, 2008. C C 12/10/2008 02/18/2009 ER AE 17,873.00 Construction Manager provided labor, material and equipment to furnish and install additional exterior gates and hardware at Building "B", and additional removable picket railing with sleeves at the Band and Vocal Classrooms. C C 12/10/2008 02/18/2009 ER EEE 14,478.00 Construction Manager provided labor, material and equipment to furnish and install miscellaneous additional electrical conduits, wiring, receptacles and lighting fixture at various locations throughout the facility. This included cutting, patching and finish painting. C C 12/10/2008 02/18/2009 ER AE 4,772.00 Construction Manager provided labor, material and equipment to remove and	Machanical Engineer's calculations and drawings throughout the facility. A C 02/18/2009 OT SR 94,160.00 0.00 This is to extend the contract completion time with no additional compensation due to additional off-site work including signalization, sidewalks, drainage and roadway restoration as required by outside agencies including Public Works, WASA, DERM and the Department of Health. This additional work was approved as item #2 of Change order #1 at the Board Meeting of July 15, 2008. C C 12/10/2008 02/18/2009 ER AE 17,873.00 17,000.00 Construction Manager provided labor, material and equipment to furnish and install additional exterior gates and hardware at Building "B", and additional removable picket railing with sleeves at the Band and Vocal Classrooms. C C 12/10/2008 02/18/2009 ER EEE 14,478.00 14,000.00 Construction Manager provided labor, material and equipment to furnish and install miscellaneous additional electrical conduits, wiring, receptacles and lighting fixture at various locations throughout the facility. This included cutting, patching and finish painting. C C 12/10/2008 02/18/2009 ER AE 4,772.00 4,000.00 Construction Manager provided labor, material and equipment to remove and	Mechanical Engineer's calculations and drawings throughout the facility. A C 02/18/2009 OT SR 94,160.00 0.00 155 This is to extend the contract completion time with no additional compensation due to additional off-site work including signalization, sidewalks, drainage and roadway restoration as required by outside agencies including Public Works, MASA, DEDM and the Department of Health. This additional work was approved as item \$2 of Change order \$1 at the Board Meeting of July 15, 2008. C C 12/10/2008 02/18/2009 ER AE 17,873.00 17,000.00 0 Construction Manager provided labor, material and equipment to furnish and install additional exterior gates and hardware at Building "B", and additional removable picket railing with sleeves at the Band and Vocal Classrooms. C C 12/10/2008 02/18/2009 ER EEE 14,478.00 14,000.00 0 Construction Manager provided labor, material and equipment to furnish and install miscellaneous additional electrical conduits, wiring, receptacles and lighting fixture at various locations throughout the facility. This included cutting, patching and finish painting. C C 12/10/2008 02/18/2009 ER AE 4,772.00 4,000.00 0 Construction Manager provided labor, material and equipment to remove and

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	<u> </u>						DOLI	ARS	DAYS	
	ACTION		STAFF	ARG			REQ.	. HTUA		AUTH.
TEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC. I	ŒQ.	REC.
			•		٠					
			north-side of B	_	_					
			for access, to	remove conc	rete bol	lards,				
		••	and patch and pa	aint at the	trash d	lumpster				
			enclosure.					F 44 **		
							••			
33	C	I	12/10/2008	02/18/2009	ER	AE	6,171.00	6,000.00	0	
			.,							
			Construction Ma	nager provi	ded labo	or,				
			material and eq	uipment to	Eurnish	and				•
			install a one-h	-						
			in lieu of the			-				
			the stage stora	-						
			Building Inspec	_				•		
			occupancy.							
			<u></u>							
34	С	С	12/10/2008	02/18/2009) ER	AE	8,567.00	8,000.00	0	
	•		22, 20, 2000	01, 10, 100				•		
			Construction Ma	mager provi	ded lab	or,				
\			material and ed	quipment to	modify	casework				
)			and associated	plumbing as	ıd drywa	11, in				
/			order to comply							
			clinic and Dire	-						
			,			2				
35	c	C	08/05/2008	02/18/200	9 ER	MEE	9,019.00	8,139.00	0	
			Construction M		idad lah	.ar				
			Construction Ma							
			material and e				•			
		•	install an add							
			and associated							
-			supply for the	elevator m	achine 1	coom at				
			Building "D".							
36	c	С	12/10/2008	02/18/200	9 ER	REE	11,843.00	11,363.00	0	
30	·	·	22, 20, 2000	01, 10, 200						
			Construction M	anager prov	ided la	oor,				
•			material and e							
			install additi							
			. components at	-	_					
			· •							
-			"A", per the r	avised 6160	LLICAL (manings.				
37	c	СМ	06/09/2008	02/18/200	9 OM	AO	50,815.00	31,832.00	0	
			Construction M	(anager prov	vided la	bor.	•			
			material and e							
)										
200			install additi	rougt Lgrums	rcer leg	wers, and				

ATTACHMENT A

6052 Zelda Glazer Middle School SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A01020

New Middle School Prototype

	ACTION	•	CM to the					DOLLARS	DAYS	
ITEM	REQ	ORIG	STAFF	ARG			REQ.	AUTH.		AUTH.
		OALG	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
	÷		drainage pipir walkways.	ng for some o	f the co	vered				
38	c	С	12/10/2008	02/18/2009	ER	MEE	94,927.00	97,573.00	o	0
			Construction Material and e install additi water lines, r and associated	equipment to ; onal, condens coof drains,	furnish sate line water he	and es, hot aters	* :			
			facility.				ė.			
39	С	С	12/10/2008	02/18/2009	ER	EEE	75,382.00	48,752.00	0	0
			Construction M material and e install additi points at Buil includes progr	quipment to i onal security dings "A" and	furnish a g card ac	and				
			, Paga	dimensing and te	sacing.					
40	A	С		02/18/2009	OM	EEO	201,502.00	135,466.00	o	O
			Construction M material and edinstall addition components at the per Engineer's	quipment to f onal lighting the Language	Turnish a dimmer Arts Bui	and system				·
41	A	С		02/18/2009	OM	EEO	1,395,037.00	782,693.00	0	0
			Construction Ma material and ec install higher	quipment to f capacity ele	urnish a ctrical	und				
			switchgear equi additional elec	ctrical panel	s, disco	nnect				
			switches, and] primarily due t	to increased	load	•				
			requirements as Engineer's calc	rulations and	drawing	3				
-			throughout the reviewed and ap	facility. Co	st has b indepen	een dent				
			cost estimating	firm.		· · ·				
						•				

SUMMARY OF CHANGE ORDER NO.:

Facility:

Zelda Glazer Middle School 6052

A01020 Project No.:

Description:

NEW MIDDLE SCHOOL PROTOTYPE SPILLIS CANDELA & PARTNERS, INC.

Architect:

BERMELLO, AJAMIL & PARTNERS

Contractor:

EFCO:

JAMES A. CUMMINGS, INC.

PRIME: JAMES A. CUMMINGS

CONTRACT STATUS

ORIGINAL CONTRACT PR	ICE	\$	34,995,606.00	
PREVIOUS EXTRAS	\$	461,149.00		
PREVIOUS CREDITS	\$	0.00		
PREVIOUS APPROVED NE	T CHANGE	\$	461,149.00	
PREVIOUS APPROVED CO	NTRACT PRICE	.	.35,456,755.00	
THIS CHANG	SE	\$	2,144,450.00	
TOTAL NET	CHANGE	\$	2,605,599.00	
ADJUSTED CONTRACT PI	RICE AFTER THIS CHA	NGE\$	37,601,205.00	
CONTRACT AWARD DATE			July 12, 2006	
ORIGINAL CONTRACT CO	OMPLETION DATE		February 06, 20	800
PREVIOUS	TIME EXTENSION		0	
PREVIOUS ADJUSTED C	OMPLETION DATE		February 06, 20	800
TIME EXTE	NSION THIS CHANGE		84	
ADJUSTED COMPLETION	DATE AFTER THIS CH	ANGE	April 30, 2008	
PROJECTED COMPLETIO	N DATE		N/A	
SUBSTANTIAL COMPLET	ION DATE		April 30, 2008	

CHANGE CAUSE SUMMARY:

(Totals Including This Change	Order. Errors + 15%	Omissions	threshold = $1-1/2%$
TYPE	THUOMA	*	DAYS
ERRORS\$	383,526.00	1.10	0
OMISSIONS\$	1,275,107.00	3.64	0
OWNER REQUESTS\$	-118,490.00	-0.34	O .
unforeseen\$	0.00	0.00	0
OTHER\$	502,208.00	1.44	84
SCOPE CHANGE\$	563,249.00	1.61	0
HURRICANE\$	0.00	0.00	0
Totals\$	2,605,599.00	7.45	84

LEG	EN	n	•

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

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

MEE--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-- Contractor Request

FE-- Fastrack/Coord. Error

FO-- Fastrack/Coord. Omission

ID-- Inspection Delay

MD-- Manufacturer's Delay

00-- 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

CC-- Criteria Change

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

							DOI	LARS	DAYS	
ITEM	action req	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE	REQ.	AUTH. REC.	REQ.	AUTH. REC.
. 1	С	СТМ	11/26/2007	02/18/2009	ER	MEE	32,387.00	31,241.00	0	0
	-		Construction	Manager provid	ed labo	er,				-
			material and	equipment to r	emove a	ınd				
			replace HVAC	ductwork in or	der to	furnish	••	Tre- vindin		
			and install a	dditional fire	damper	sat	A.	1 - 111		
			Buildings "B"	and "F".				A STATE OF THE PARTY OF THE PARTY OF THE PARTY.		
2	C	С	08/05/2008	02/18/2009	ER	AE	55,711.00	35,000.00	0	0
			Construction	Manager provid	led labo	or.				
				equipment to o						
				er room on the						
			of Building "	'A". The design	mated (computer			•	
-			server room o	on the first fl	loor was	s				
			utilized for	ITS components	s since	the ITS				
			Equipment Roc	om was too smal	ll. Th	is				
			includes all	architectural	, elect:	rical,				
			and mechanica	al changes.						
)										
′3	С	C	08/05/2008	02/18/2009	SC	SC	40,501.00	40,501.00	0	0
			Construction	Manager provi	ded lab	or,				
			material and	equipment to	increas	e the				
				he exterior ti		-		÷.		
				all Buildings.						
				ngineering rec						
			the GMP that	was not incor	porated					
4	C	c	08/05/2008	02/18/2009	sc	sc	27,668.00	27,668.00	0	0
			Construction	Manager provi	ded lab	or,				
			material and	equipment to	furnish	and				
				iameter underg						
			and associat	ed in-ground p	ull box	ces for				
			"Comcast" ca	ble service.						
5	A	CIM	ı	02/18/2009	sc sc	\$C	182,770.00	168,148.00	0	0
			Construction	Manager to pr	covide 1	labor,				
	•		material and	equipment to	furnis	h and				
			install "Tec	tum" ceiling p	panels l	between .				
			structural j	oists in lieu	of sus	pended		٠		
	•		acoustical t	ile ceilings i	in all					
)				This was due		alue		٠		
1										

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

Timer -	ACTION		STAFF	ARG				DOLLARS	DAYS	
TEM.	REQ	ORIG	AUTH.	APPVD.	TYPE	CAUSE	REQ.	AUTH. REC.	REQ.	auth Rec
			Engineering rec was not incorpo	ommendation	in the	GMP that				
6	C	C	08/05/2008		ER	EEE	23,039.00	** -23,039.00	o	
			Construction Ma	nager provi	ded labo	r,			•	
			material and eq	uipment to	replace	fa L		and the second s		
			improperly spec	ified light	fixture	s at the				
•		·	exterior corrid	ors of the	Language	Arts				
			Laboratory and	to furnish	and inst	al1		•		
-			protective wire	guards on	all exte	rior				
			corridors exit	signs.						
7	C	_								
•	C	С	08/05/2008	•	ER	SEE	18,968.00	18,968.00	. 0	
			Construction was						v	
			Construction Man	iager provid	ded labo	r,		•		
			material and equivall paramet hos	icht is	increase	tilt				
	•		wall parapet her	ato the	er to pro	perly				
			flash and terming Building "F".	ace the ro	oring sys	stem at				
			,							
8	A	С		02/18/2009	sc	SC	96,051.00	96,051.00	0	1
			Construction Man						•	,
			Construction Man	ager to pro	ovide lab	or,				
			material and equ	rpment to c	construct	•	•			
	:		cast-in-place co	ncrete at t	he exter	ior				-
			corridors in lie	u or tilt-v	rall pane	ls.				
		-	This was due to	a value Eng	ineering	,		·		
		•	recommendation i incorporated.	n the GMP t	hat was	not				
			moorporated.				•			
9 .	C/A	С	08/05/2008		ER	EEE	13,824.00	11,559.00		
			7				•	11,339.00	0	•
			Construction Man	ager provid	ed labor	•				
			material and equ	ipment to f	urnish					
		•	different-than-s	pecified ma	in circu	it				
		ſ	reakers and ass	ociated mai	n feeder	s at				
		•	electrical panel and "F".	s in Buildi	ngs "B",	"D"				
0	c	P	12/10/2008	02/18/2009	O₩	OR ((34,170.00)	(85,528,00)	0	o
		_	Innaise is:				,		v	•
		-	redit for the un insurance allowar	nused Build	ers Risk			•		
			HEATTINGS BILLS							

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

						· · · · · · · · · · · · · · · · · · ·			DOLLAI	RS	DAYS	
ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	TYPE	CAUSE		REQ.		AUTH. REC.	REQ.	AUTH. REC.
11	C	P P	12/10/2008	02/18/2009	OW .	OR		21,625.00)	, ,	21,625.00)	0	0
TT	C	P	12/10/2008	02/16/2009	OW	OK	•	21,025.00)			· ·	
			Credit for not	furnishing a	nd inst	alling						
			TV brackets th	roughout the	facilit	y due to						
			the addition of	of "Smartboard	ls".			**	7.77	42***		
			••						٠.,			
12	C	C	08/05/2008		ER	EEE		17,491.00		7,754.00	0	0
										-		
			Construction N	Manager provid	ied labo	r,						
			material and e	equipment for	remedia	1 work						
			associated wit	th the instal	lation o	f the						
			instant water	heaters for	the Dres	sing			•			
			Rooms at Buile	ding "F".								
13	A	С		02/18/2009	ОМ	EEO		1,006,671.00		765,837.00	0	0
1.0		•		02, 10, 2003	011	400		-			_	
			Contractor pr	ovided labor,	materia	l and						
			equipment to	furnish and i	nstall b	nigher				•		
			capacity elec	trical switch	gear equ	ipment,						
)			conduit and w	iring, additi	onal ele	ectrical						
J			panels, disco	nnect switche	s, and	large						
			power transfo	rmers primari	ly due	to						
			increased loa	d_requirement	s as pe	r revised		Ψ,		٠.		
			Electrical En	gineer's calc	ulation	s and		•				
			drawings thro	ughout the fa	cility.	Cost						
			has been revi	ewed and appr	oved by	an						
			independent c	ost estimatin	g firm.							
	•										_	
14	C	CM	,11/26/2007		MO	OA		14,386.00		10,885.00	. 0	0
			Construction	Manager provi	dad lah	~~						
				equipment to								
				tional soffits								
			•	an-specified i								
				lls and insul								
			-	r sound rating			•					
•			_	classrooms a		_						
			planning area		id ceaci.	ier						
			branning are	43.								
15	С	CI ₂	11/26/2007		ER	AE		30,269.00)	27,967.00	0	0
			• = ·•	-				•		-		
			Construction	Manager prov	ided lab	or,						
			material and	equipment to	increa	se the						
			height of th	e parapet and	elevat	or machin	e					
ì			room walls a	nd construct	a masoni							

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

	ACTION		STAFF				Ē	OLLARS	DAYS	
ITEM	REQ	ORIG.		ARG	Marine		REQ.	AUTH.		AUTH.
· · · · · · · · · · · · · · · · · · ·				APPVD.	TYPE	CAUSE	· · · · · · · · · · · · · · · · · · ·	REC.	REQ.	REC.
			enclosure at th	\						
			included demoli	rcton work a	t Buildi	ng "A".				
16	С	P	11/05/0007							
	J	•	11/26/2007		OM	CEO	5,551.00	5,079.00	0	0
			Construction				• -		•	
			Construction Ma	mager provi	ded labo	E, 7000	· · · · · · · · · · · · · · · · · · ·			
			material and ed	fulpment to	construc	t an		and describe the first of the second		
			additional sani	tary sewer	system u	tility				
			access port and	associated	piping.					
17	С	P	11/26/2007							
- '	J		11/20/2001		OM	AO	8,005.00	7,882.00	0	0
			Construction Wa							
	•		Construction Ma							
			material and equinstall addition	arbment to	rurnish .	and	•			
			frames harden	mar norlow	metal do	or		·:		
			frames, hardwar at Building "A"	e, and a la	nding ex	tension				•
			as auticity A	•						
18	С	СМ	02/11/2007							
			02, 11, 200,		ER	MEE	9,347.00	8,729.00	0	
			Construction Ma	nager provi	ded labo	_				
			material and eq	Winment to	roroute 1	F, .				
			system exhaust	ductwork at	the stee	1VAC				
			to furnish and	install an	ale stay	ge and				
			room exhaust ve	nt and asso	risted d	rationale		•		
					araced di	CCWOLK.				
19	C	I	11/26/2007		PD					
					ER	MEE .	47,813.00	42,173.00	0	0
			Construction Ma	nager provi	ded labor	-		•		
			material and eq							
			install additio	nal floor e	inke and	floor				
			drains in the f	ood preparat	tion lo	rioor		• •		
			rooms, and comp	actor areas	of Build	lina				
			"F", as require	d by the Rui	ildina	iiig				
			Inspector.	1 une bu	Litting		•			
			•							
20	С	С	12/10/2008							
			,, 2000		ER	AE	17,805.00	17,000.00	0	0
			Construction Ma	nager brossi	dad 1-1-					
			material and eq							
			and aggoriated	erbment co b	rogity ca	sework			•	
			and associated	prumbing and	drywall	, in	•			
			order to comply	WITH ADA CO	odes in t	he	-			
		,	clinic, product	ion workroom	, Direct	or's				
			Tech Processing		locations	:				
			throughout the 1	Pacilies.						

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

							DOLI	ARS	DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
21	A	С			ОТ	SR	0.00	0.00	78	78
			erri. 5			-1-4:				
			This is to exte			-				
			time with no acto additional c		· · ·					
			signalization,		***,	-		F -		
			roadway restor							
			agencies inclu		-	•				
	•		DERM and the D	=						
			additional wor	-						
			change order #							
			July 15, 2008.	I at the boo	\$	ing or				
22	c	I	12/15/2007		ER	MEE	37,267.00	30,267.00	0	. 0
24	C	*	12/13/2007		1100	1233	31,207,00	,	•	
			Construction M	anager prov	ided labo	r,		*		
			material and e	quipment to	furnish	and				
			install additi	onal HVAC s	ystem fiz	e				
)			dampers in the	Building "	F" kitche	en, as				
/			required by th	e Building	Inspector					
23	С	С	08/05/2008		ER	SEE	26,634.00	26,634.00	0	c
			Construction N	lanager prov	ided labo	or,				
			material and e	quipment to	furnish	and				
			install thicke	ened concret	e floor :	slab				
			edges at the h	reezeways o	f Buildi	ng "A"	•			
			and P.E. shelf	er at Build	ling "G".					
	_	_	10 (10 (0000						0.	(
. 24	С	I	12/10/2008		ER	Æ	6,171.00	6,000.00	V.	`
			Construction 1	Manager prov	rided lab	or,				
			material and	equipment to	furnish	and				
			install a one	-hour fire r	ated rol	1-up door		·		
			in lieu of the	e specified	roll-up	door at				
			the stage sto	rage room, a	s requir	ed by the				
			Building Insp	ector.			•			
25	С	C	12/10/2008		ER	EEE	15,737.00	6,269.00	o	
	•		Construction	Manager prov	vided lab	or and				
			material for							
			the HVAC syst							

6751 Hialeah Gardens Middle School SUMMARY OF CHANGE ORDER NO.: 1

Project No.: A0725

New Middle School Prototype

	ACTION		CW) Da				<u>D</u>	OLLARS	DAYS	
ITEM	REQ	ORIG.	STAFF	ARG			REQ.	AUTH.		AUTH
	1007	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC
26	С	I	08/05/2008		OM	AO	2,616.00	1,877.00	0	,
			Construction Ma	nager provi	ded labo	r,				
			material and eq	uipment to	furnish	and				
			install fencing					anger kram		
			regulators at B	uildings "B	" and "F	", as	•			
	**		required by the					The state of the state of		
27	С	С	08/05/2008	•	ER	EEE	25,333.00	25,011.00	0	,
			Construction Ma	nagon provi	مادا الماد			,	•	
			material and eq							
			install electri							
			in the computer							
	,		Building Inspec		equired	by the				
				cor.						
28	С	I	12/10/2008		014			**		
	-	_	12/ 10/ 2000		OM	AO	35,121.00	11,067.00	0	•
			Construction Ma	nager provi	ded labo					
			material and eq					•		
			install addition							
			railings with s							
			"F", for egress							
			the Building In			,				
29	С	ı	12/10/2008		OM	AO	12,645.00	12,645.00	0	(
			a							
			Construction Man							
	4		material and eq							
			install addition				•			
			hardware at Bui		for incr	eased		•		
			security purpose	ės.		•				
30	c	c	08/05/2008		ОМ	SEO	5,113.00	5,113.00	0	
			Construction Mai	nager provid	ded labo	-				
			material and eq							
			install addition							
			at the Building				-			
31	A	СМ								
	A	GM.			OM	CEO	92,746.00	61,806.00	0	(
			Construction Man	nager to pro	ovide la	oor,	•			
			material and eq							•
			install rainwate							

6751 Hialeah Gardens Middle School

SUMMARY OF CHANGE ORDER NO.: 1

							DX	OLLARS	DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH .
EM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			storm drainagė̃: walkways.	systems for	the cove	ered				
32	с	С	12/10/2008		ER	EEE	34,632.00	-m., 32,169.00	. 0	0
			Construction Ma	nager provi	.ded labo	r,	• -	** ·		
			material and eq	uipment to	furnish	and				
			install additio	nal lightir	ng dimmer	system				
			components at t	he CCTV roo	m in Bui	lding	•			
			"A" per Enginee	r's revised	i drawing	s.				
							•			
33	C	С	12/10/2008		OM	MEO	94,650.00	37,573.00	0	O
			Construction Ma	nager prov	ided labo	1 .	•			
			material and ec				٠			
			install addition							
			water lines, ro					٠		
			and associated							
			facility per E							
)	Ċ		racritcy ber m	ngineer's r	evised di	awings.				
34	A	ı			OM	MEO	278,837.00	210,835.00	0	1
						•				
			Construction M							
			material and ê							
			install additi							
			HVAC system ch							
			additional dué						• •	
			revised Mechan	_						
			and drawings t	hroughout t	he facil	ity.				
3 5	c	c	12/10/2008		ER	AE	18,312.00	18,312.00	0	
			Construction M	tanager proj	ridad lah	.or				
			material and e							
			install additi			-				
			the serving li	ines at Bui	lding "F'	•	•			
36	A	c			ER	AE	92,975.00	68,943.00	14	
			Construction 1	Ganager to	provide 1	lahor				`.
			material and	. –						
			install addit:		-			٠		
			points at Bui	_						
}			includes asso							
			modifications	: programmi	ng and t	esting.				

ATTACHMENT B

FINAL CHANGE ORDER

6751 Hialeah Gardens Middle School

SUMMARY OF CHANGE ORDER NO.: 1

Project No.: A0725 New Middle School Prototype

	ACTION		STAFF	ARG			DC	OLLARS	DAYS	
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE	REQ.	AUTH. REC.	REQ.	AUTH. REC.
37	A	С	•	02/18/2009	ER	EEE	189,348.00	75,085.00	28	0
		i.	aterial and e nstall additi	Manager to pro equipment to f ional lightin the Language	urnish g dimme	and r system		to profe		

CHANGE ORDER TOTAL:

1,867,934.00

78

SUMMARY OF CHANGE ORDER NO.:

6751 Hialeah Gardens Middle School Facility:

Project No.: A0725

Description: NEW MIDDLE SCHOOL PROTOTYPE SPILLIS CANDELA & PARTNERS, INC. Architect:

EFCO: BERMELLO, AJAMIL & PARTNERS

Contractor: JAMES A. CUMMINGS, INC.

CONTRACT STATUS

	ORIGINAL	CONTRACT P	RICE		\$ 34	1,893,847.00)
	PREVIOUS	EXTRAS	. . \$		0.00		
	PREVIOUS	CREDITS	\$		0.00		
	PREVIOUS	APPROVED N	ET CHANGE		\$	0.00)
	PREVIOUS	APPROVED C	ONTRACT PRICE		\$ 34	1,893,847.00	O
	٠.	THIS CHAN	IGE		- 1	1,867,934.00	0
•	•	TOTAL NET	CHANGE	\$. 1	1,867,934.0	0
	ADJUSTED	CONTRACT I	RICE AFTER THIS	CHANGE	\$ 36	6,761,781.0	0
	CONTRACT	AWARD DATE			Jul	ly 12, 2006	
	ORIGINAL	CONTRACT (COMPLETION DATE		Fel	bruary 06,	2008
		PREVIOUS	TIME EXTENSION		•	0	-
	PREVIOUS	ADJUSTED (COMPLETION DATE		Fel	bruary 06,	2008
		TIME EXT	ENSION THIS CHA	NGE		78 .	
	adjusted	COMPLETIO	N DATE AFTER TH	IS CHANGE	Аp	ril 24, 200	8
	PROJECTE	D COMPLETIC	ON DATE		. n/.	A	
	SUBSTANT	IAL COMPLE	TION DATE		. Ар	ril 24, 200	8
		CH	ANGE CAUSE SUMM	ARY:		e.	
(Totals Inc	cluding Th	is Change	Order. Errors	+ 15% Omissi	ons thres	shold = 1-1	/2%)
	TYPE		A	TOUNT	*	DAYS	
	ERRORS	\$	512,120.	00 1	L.47	0	
	OMISSION	s\$	1,130,599.	00 :	3.24	0	
	OWNER RE	QUESTS\$	-107,153.	00	3.31	0	
	UNFORESE	EN\$	0.	00 (0.00	0	
•	OTHER		0.	00	0.00	78	
	SCOPE CH	IANGE \$	332,368.	00	0.95	0	

PRIME: JAMES A. CUMMINGS

	SCOPE C	HANGE \$	332,368.00	0.95	. 0	
•	HURRICA	NE\$	0.00	0.00	0	
	Totals	\$	1,867,934.00	5.35	78	_
LEGEND:	•	TYPE: ERPA/E Er HCHurrica		i	DBDDesign-E	Builder Omission Builder Default
ORIGIN: A A/E		OMP/A Omi			CD Contract CE Contract	
•	ional Fac. Plan.	OTOther		•	CR Contract	tor Request
P Projec		OWOwner I	-			k/Coord. Error k/Coord. Omission
D DCPS S	pecialists/Depts. ctor	UNUnforse	-		ID Inspects	ion Delay turer's Delay
S State	DOE	CAUSE: AEArchi	tectural Error		00 Owner O	mission
	enance Dept. (Principal/Admin.)	AOArchi	tectural Omission		OD Owner Do	-
I UBCI	,,		rical Engineering Err rical Engineering Omi		RA Reinsta SC Scope C	
AMAsbest	-		nical Engineering Err		SR State R	equirement/Local/City
•	n Services (Group) cuction Manager	MEOMecha	unical Engineering Omi	ission	RD Rain De UC Unforse	elay en Conditions
ACTION:	•		ctural Engineering Err ctural Engineering Omi		UD Utility	=
A Appro-	v e		Engineering Error	rssion	CL Clerica UP Unit Pr	
	rm Staff/TRC Authorize irm/Approce Authorize	CEOCivi	l Engineering Omission	n	-	Requirement Oction Manager Omission
C/A-COIII.	rem upproce municipa	DBRDesig	n-Builder Request			ection Manager Error
		DBEDesig	n-Builder Error		CC Criteri	a Change

6023 Andover Middle School
SUMMARY OF CHANGE ORDER NO.: 2

							DOL	LARS	DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
'EM	REQ	ORIG.		APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
1	c	С	08/05/2008	02/18/2009	sc	sc	40,501.00	40,501.00	0	0
			Construction M	lanager provid	ad labo	r				
			material and e							
				" -						
			concrete panel	-						
			tilt-wall by o							
			This was due t	_		=			Mark the second	
			recommendation	n in the CMP t	hat was	not			•	
			incorporated.		•					
			•			•				
2	A	P		02/18/2009	OW	OR	51,068.00	51,068.00	.0	0
			This reimburs	es the Constr	ction 1	fanager			•	
			for the cost	of site secur:	ity per	sonnel,				
			which was spe	cifically not	includ	ed in the				
			original GMP.	-		÷				
			•							
3	A	c		02/18/2009	sc	sc	96,051.00	96,051.00	0	1
ì			Construction	Manager to pr	ovide l	abor,				
)				equipment to						
				concrete at		_		•		
			-	lieu of tilt-						
				to a Value En				•		
				on in the GMP	_	-	•			
			incorporated.					,		
4	c	P	12/10/2008	02/18/2009	WO 6	OR	(34,170.00)	(85,528.00)	0	
					Di					
		-		he unused Buil	ders R	LSK				
			Insurance all	lowances:	•					
5	. c	.P		02/18/200	9 OW	OR	(9,211.00)	(9,211.00]	0	
	•		Sandik San S	urnishing and	inatal	line WCB	•	•		
				_						
			_	lieu of carpe		e meo.ta				
			center and a	dministration	areas.		•			
6	A	c	:	02/18/200	9 OT	SR	282,914.00	246,298.0	0 60	
			Construction	Manager to p	rovide	labor.				
				l equipment to						
				site improvem						
				_		- .		•		
Α				fencing, fir						
)	•			nage, asphalt	•					
			water meter	box and assoc	iated s	curveying				

6023 Andover Middle School SUMMARY OF CHANGE ORDER NO.: 2

							Ī	OLLARS	DAYS	
rmyne	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
TEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			services, all a Miami Gardens.	s required b	y the C	ity of				
7	A	СМ	- ;		sc 💥	sc ""	129,467.00	129,467.00	0	(
			This compensate	mineral programme and the second seco			rimale i del evi i i	ye a same ye		
			for additional				100 10° - 1 Managana 100 000 10 10 10 10 10 10 10 10 10 10 1	Total transfer of the second of the second		
			utilities work		yond th	e civil				
			contract allow	ance.						
8	С	CM			sc	OR	86,927.00	82,581.00	0	Ó
			Construction M	anager to pro	vide la	bor,				
			material and e							
			install addition							
	*		different-than	specified fi	nish ha	rdware,				
			as required by	the M-DCPS I	ock Sho	p.				
							•	•		
9	A	СМ	•	02/18/2009	OT	CR	52,944.00	52,944.00	. 0	
			This is to rei	mburse the Co	nstruct	ion	•			
			Manager for the	cost of ele	ectricit	Y				
			subsequent to :	substantial o	completi	on and	•			
10	A	c		02/18/2009	OM	EEO	987,284.00	569,766.00	0	
•			Contractor pro	vided labor,	matería	l and				
	•		equipment to f							
			capacity elect							
			conduit and wi							
			panels, discon							
	•		power transform			_				
			increased load	requirements	as per	revised		÷		
			Electrical Eng							
			drawings throu							
			has been revie							
			independent co			•				
11	c	c	08/05/2008	02/18/2009	ER	SEE	18,968.00	18,968.00	o	
			Construction M	anager provi	dad laka					
	•		material and e							
			wall parapet b							
			flash and term	rng <i>te t</i> ye to	oring sy	stem at				

6023 Andover Middle School
SUMMARY OF CHANGE ORDER NO.: 2

							DOL	LARS	DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		. HTUA
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			building "F".							
12	С	С	08/05/2008	02/18/2009	ER	EEE	13,824.00	11,559.00	0	0
			Construction M					या प्रा थि -		٠.
			install differ	ent-than-spec	ified m	ain				
:			circuit breake	rs and associ	ated ma	in				
			feeders at ele	=	s in Bu	ildings				
13	С	С	08/05/2008	02/18/2009	ER	EEE	17,438.00	7,754.00	0	0
			Construction M	Manager provid	led labo	or,				
			material and e							
			associated wit					•		
			instant water	heaters for t	he Dre	ssing		a.		
			Rooms at Build	ding "F".		•	•			
,			ţ.			•		+ .		
14	С	c	08/05/2008	02/18/2009	ER	EEE.	28,313.00	23,039.00	0	0
			Construction I material and o improperly spectation corresponds to the construction of the corresponds of th	equipment to pecified light idors for the d to furnish are guards on a	replace fixtur Langua and ins	es at the ge Arts tall				
15	C	С	08/05/2008	02/18/2009	ER	AE	46,277.00	35,000.00	0	0
			computer serv	equipment to ver room on th	constru e secoi	nct a new nd floor	e e e			
			server room o	'A". The desi	loor wa	s utilized				
			Room was too	oments since t small. This i, electrical	include	es all				
16	С	I	08/05/2008	02/18/2009	9 ER	EEE	26,373.00	25,011.00	0	·
)	•		Construction material and	Manager provi						

6023 Andover Middle School SUMMARY OF CHANGE ORDER NO.: 2

	* A===A-						D	DAYS		
ITEM	ACTION REQ	ORIG.	STAFF AUTH.	ARG APPVD.	WYDD	Chilon	REQ.	AUTH.		AUTH.
				ALL VD.	TYPE	CAUSE		REC.	REQ.	REC.
			install electri	ical power c	ut-off s	witches				
			in the computer							
			public address,							
			restrooms at Bu		ouem ope	arers in				-
					1575*	-	• • • •			
17	C	C	08/05/2008	02/18/2009	ER	SEE	26,634.00	26,634.00	0	0
			Construction Ma	anager provi	ded labo					
			material and ed							
			install thicker				•			
			edges at the b							
	÷		and the P.E. sl							
					y	•				
18	C	I	08/05/2008	02/18/2009	OM	AO	2,616.00	1,877.00	0	0
			Construction Ma	anager provi	ded labo	E,		**		
			material and e	quipment to	furnish	and				
			install fencing							
	•		regulators at 1							
			required by the							
19	c	C	11/29/2007	02/18/2009	ER	AE	37,368.00.	19,457.00	0	0
			Construction Ma	anager provi	ded labo		,			
			material and ed							
			height of the p							
			room walls, and							
			enclosure at th			У	•			
20	c	-	00 (11 (000)							
20	·	1	02/11/2007	02/18/2009	ER	MEE	46,999.00	42,173.00	0	0
			Construction Ma	nager provi	ded labo	or.				
			material and ed							
			install addition							
			drains in the							
							•			
			rooms, and com			aing	-			
			"F", as require Inspector.	ed by the Bu	ııdıng					
21	c	СМ	12/18/2007	02/18/2009	ĒR	MEE	56,509.00	46,648.00	0	0
			Construction Ma	mager provid	adel bah					
									-	
			material and ed							,
			install addition							,
			system ductwork	c, insulation	a, fire	and				

6023 Andover Middle School

SUMMARY OF CHANGE ORDER NO.:

Project No.: A01026 New Middle School Prototype

 			·				DOL	LARS	DAYS	
:	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
(TEM	REQ	ORIG.	. HTUA	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			smoke dampers,	supply and e	xhaust :	fans.				
22	С	СМ	02/11/2007	02/18/2009	ER	MEE	40,024.00	31,932.00	0	O
			Construction M material and e					ing serif Serupi i		
			install additi dampers at Bui ductwork at Bu machine room f	lding "F", ki milding "B", a	In vent	ilation				
23	A	СМ		02/18/2009	OM	AO	65,330.00	51,681.00	0	(
			Construction to material and dinstall additurnations, constructions, construction	equipment to i	Eurnish c drywal	and L1		•, •		
)			exterior roof	flashing deta	ails, pe					
24	A	СМ		02/18/2009	ОМ	MEO	598,063.00	391,000.00	0	
			material and install addit HVAC system of additional du throughout th	Manager to prequipment to cional larger-chilled water actwork and in the facility.	furnish than-sp piping, sulatio This in	and ecified n cludes				
	•			nderground chi cer piping due nting.						ņ
25	A	c		02/18/2009	9 ОТ	SR	94,160.00	0.00	155	:
			This is to ex	ktend the cont	tract co	ompletion				

This is to extend the contract completion time with no additional compensation due to additional off-site work including signalization, sidewalks, drainage and roadway restoration as required by outside agencies including Public Works, WASA, DERM and the Department of Health. This additional work was approved as item #2 of change order #1 at the Board Meeting of July 15, 2008.

6023 Andover Middle School SUMMARY OF CHANGE ORDER NO.: 2

							DO	DAYS		
Tein.	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
26	C	I	12/10/2008	02/18/2009	ER	AE	6,171.00	6,000.00	0	0
			Construction N	Manager provid	ed labo	r,				
			material and e	equipment to f	urnish	and				
			install a one-	hour fire rat	ed roll	-up door		-1-5 L ₁ 1-4		
			in lieu of the	specified ro	ll-up d	oor at	· •			e*
an ed a n 1925.	erene and at a		the stage stor	cage room_as_r	equired	by the	The state of the s	Water and Top State on The State of Sta		
	•		Building Inspe	ector.	•					the street
27	c	С	12/10/2008	02/18/2009	ER	AE	17,805.00	17,000.00	0	0
			Construction A	Manager provid	ed labo	. 				
			material and e							
			and associated							
			order to compl							
			clinic, produc							
			Tech Processin							
			throughout the							
28	С	С	12/10/2008	02/18/2009	OM	EEO	15,737.00	6,269.00	0)
			Construction N	lanager provid	od lobe	_				
			material and e							
			install additi				•			
			HVAC system mo					•		
			Science Demons			ive				
29	c	СТИ	12/10/2008	02/18/2009	ER	AE	7,505.00	7,505.00	0	o
	•		Comptonet in 1					•		
	÷		Construction A							
			material and e							
			install additi duct heaters a							
			work.	nd associated	aneer	metal				
30	c	I	12/10/2000	00/50/00				+		
30		•	12/10/2008	02/18/2009	ER	AE	38,240.00	11,067.00	14	0
			Construction N							
			material and e	equipment to f	urnish	and	•	•		
			install additi	onal removable	e picke	t				
			railings with	sleeves at the	e Band	and		·		
			Vocal classroo	oms.						
31	С	C	12/10/2008	02/18/2009	OM	EEO	11,812.00	11,812.00	0)
			Construction M	Manager provid	ed labo	r,			-	
						•				

6023 Andover Middle School
SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A01026

New Middle School Prototype

****				· · · · · · · · · · · · · · · · · · ·			D	DOLLARS		DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.	
TEM	REQ	ORIG.	AUTH. A	PPVD.	TYPE	CAUSE		REC.	REQ.	REC.	
			material and equipm	ant to fi	ırni ah	and					
			install a larger el								
			than specified for		-	_					
			lighting.	purking .							
			righting.		-21	***		The second			
									_		
32	C	ı	12/10/2008 02/	18/2009	OM	AO	12,645.00	12,645.00	0		
								** *			
			Construction Manage								
			material and equipm				•				
			install additional		**						
			hardware at buildin	ıg "B" fo	r incre	ased		•			
			security purposes.								
33	c	С	12/10/2008 02/	/18/2009	OM	AO	64,573.00	22,569.00	0		
			Construction Manage	_		-		,			
			material and equips	ment to f	urnish	and					
			install additional	rainwate	r lead	ers and					
)			drainage piping for	c some of	the c	overed					
<i>!</i>			walkways.								
34	c	С	12/10/2008 02	/18/2009	OM	MEO	93,640.00	37,573.00	0		
			Construction Manage	er provio	ded lab	or,					
			material and equip	ment to 1	Eurnish	and					
			install additional	hose bil	obs con	densate					
			lines, hot water 1	ines, si	nks, ro	of					
			drains, and water				•	4			
			facility.	•	_						
			_						•		
35		c	02	/18/2009	ER ·	AE	80,228.00	58,429.00	14		
		•		, _0, _00			41,				
			Construction Manag	er to pr	ovida 1	abor					
			material and equip	_							
			install additional		_						
			points at building								
•			includes associate	-							
			modifications, pro	gramming	and te	esting.					
36	A	С	. 02	2/18/2009	OM	EEO	181,845.00	75,085.00	28		
			Construction Manag	er to pr	ovide :	labor.					
			material and equip	_				-			
\			install additional								
).				-	-	_					
_			components at the	Language	Arts }	onraing					

ATTACHMENT.-C

FINAL CHANGE ORDER

6023 Andover Middle School SUMMARY OF CHANGE ORDER NO.: 2

Project No.: A01026

New Middle School Prototype

							. !	OOLLARS	DAYS	
	ACTION		STAFF	ARG			REQ.	AUTH.		AUTH.
ITEM	REQ	ORIG.	AUTH.	APPVD.	TYPE	CAUSE		REC.	REQ.	REC.
			as per Enginee	r's revised d	rawings					
37	A	С		02/18/2009	ОМ	EEO	165,047.00	138,722.00	0	0
			Construction M			bor,		777,		
			material and e					*** **********************************		
			install additi	onal lighting	dimmer	system	•			
			components at	building "F"	cafetor	ium per				
			Engineer's rev	ised drawings	•					
						CHANGE C	ORDER TOTAL:	2,311,346.00		89

SUMMARY OF CHANGE ORDER NO.: 2

Facility:

Andover Middle School 6023

A01026 Project No.:

Description:

NEW MIDDLE SCHOOL PROTOTYPE SPILLIS CANDELA & PARTNERS, INC.

Architect: EFCO:

BERMELLO, AJAMIL & PARTNERS

Contractor:

JAMES A. CUMMINGS, INC.

PRIME: JAMES A. CUMMINGS

CONTRACT STATUS

ORIGINAL CONTRACT PRICE\$	33,503,553.00
PREVIOUS EXTRAS \$ 791,725.00	•
PREVIOUS CREDITS\$ 0.00)
PREVIOUS APPROVED NET CHANGE\$	791,725.00
PREVIOUS APPROVED CONTRACT PRICE\$	34,295,278.00
THIS CHANGE\$	2,311,346.00
TOTAL NET CHANGE\$	3,103,071.00
ADJUSTED CONTRACT PRICE AFTER THIS CHANGE\$	36,606,624.00
CONTRACT AWARD DATE	July 12, 2006
ORIGINAL CONTRACT COMPLETION DATE	February 06, 2008
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	February 06, 2008
TIME EXTENSION THIS CHANGE	89
ADJUSTED COMPLETION DATE AFTER THIS CHANGE	May 05, 2008
PROJECTED COMPLETION DATE	n/A
SUBSTANTIAL COMPLETION DATE	мау 05, 2008
·	

CHANGE CAUSE SUMMARY:

	CHANGE	CAUSE SUMMERS.		
(Totals	Including This Change Ord	er. Errors + 15%	Omissions t	threshold = $1-1/2%$
	TYPE	TRUUMA	8	DAYS
	ERRORS\$	388,176.00	1,16	0
	OMISSIONS\$	1,402,384.00	4.19	0 .
	OWNER REQUESTS\$	-43,671.00	-0.13	0
	UNFORESEEN\$	0.00	0.00	0
	OTHER\$	1,007,582.00	3.01	89
	SCOPE CHANGE\$	340,600.00	1.04	0
	HURRICANE\$	0.00	0.00	0
	Totals\$	3,103,071.00	9.27	89

LEGEND:	i
---------	---

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

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

MEE--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-- Contractor Request

FE-- Fastrack/Coord. Error

FO-- Fastrack/Coord. Omission

ID-- Inspection Delay

MD-- Manufacturer's Delay

00-- 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

CC-- Criteria Change