Agenda Item: 3F1

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

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Meeting Date:	February 1, 2011	[X]	Consent Workshop	[]	Regular Public Hearing
Department:					· ubio riouring
Submitted By:	Department of Airports				
Submitted For:					
	I. EXECUTI	VE BR	EF		
Motion and	Title: Staff recommends m	otion t	o approve:		

- (A) Change Order No. 4 to the contract with Ranger Construction Industries, Inc. increasing the contract in the amount of \$73,092.85 and a time extension of 203 Calendar Days for the Construct Apron A Project at Palm Beach International Airport (PBIA); and
- **(B)** A Budget Transfer of \$73,093 in the Airports Improvement and Development Fund from Reserves to provide budget for the construction change order.

Summary: On October 20, 2009 the Board approved the contract with Ranger Construction Industries, Inc., a Palm Beach County Company, for the Construct Apron A Project in the amount of \$3,838,345 with a contract time of 150 Calendar Days (R-2009-1765). Change orders 1-3 were approved in the amount of \$101,949.80 and extended the contract time to 179 Calendar Days. Approval of this change order will increase the total contract price by \$73,092.85 and increase the contract time by 203 Calendar Days. The time extension is needed due to the time required to reevaluate a design issue, negotiate a cost between the consultant and the contractor and schedule the work. The Disadvantaged Business Enterprise (DBE) Goal for this project was established at 15%. The DBE participation for this Change Order is 0%. The total DBE contract participation to date including all change orders is 16.19%. **Countywide (JCM)**

Background and Justification: Approval of Change Order No. 4 is being brought to the BCC for approval due to the increase in contract time exceeding the 90 Calendar Day approval limit pursuant to Revised PPM No. CW-F-050. The contractor substantially completed the contract work within the approved contract time; however, it was determined that the drainage pond constructed under the project was retaining stormwater for a longer period than the guidelines recommended by the Federal Aviation Administration (FAA). Investigation was needed to determine if it was a construction related issue or a design issue. Upon further review by the consultant it was determined that it was not a construction issue and the consultant has agreed to redesign the stormwater facilities and reimburse the County for the construction costs to modify the pond to function instead as a dry detention system and drain within the recommended FAA Drainage criteria. (Continued on Page 3)

Attachments:

- Change Order No. 4 with Summary Report (3 Originals)
- 2. Change Order History
- 3. Budget Transfer

Recommended By	Shur Sells	12/20/10
0	Department Director	Date
Approved By:	digner	111/11
	County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. F	ive Year Summary of Fi	scal Impact:				
	Fiscal Years	20 <u>11</u>	20 <u>12</u>	20 <u>13</u>	20 <u>14</u>	20 <u>15</u>
	tal Expenditures rating Costs	\$ 73,092.85	****			
Prog	rnal Revenues ram Income (County) nd Match (County)	<u>\$(26,815.00)</u>	-			
NET	FISCAL IMPACT	<u>\$ 46,277.85</u>			-	
	DITIONAL FTE ITIONS (Cumulative)					
ls ite Budg	m Included In Current B get Account No.: Fu Re	Budget? Yes _ nd Depai porting Categor	rtment	Unit	Obje	ct
B.	Recommended Source	es of Funds/Sur	mmary of Fi	scal Impac	et:	
C.	Approval of this item will A258-6504. Included is reimbursed by the Consignant reimbursement fro \$26,815 reimbursement Departmental Fiscal R	is a transfer from ultant for a net in om the FAA and to t will be formally	n Reserves npact of \$46, the FDOT fo	of \$73,093 278. The D r the remail	3. \$26,815 Department ning \$46.2	will be will seek
		III. REVIEW CO	MMENTS			
A.	OFMB Fiscal and/or Co	ontract Dev. and		J. Jai	ol ()	<u>)(</u>]/(
В.	اران پاران پاران پاران	أنا عرفي		Dev. and (1/10/11	
	Assistant County Atto	orney		ic item compli unity policies.	es with curren	it -
C.	Other Department Rev	iew:				
	Department Directo	or				

REVISED 9/03 ADM FORM 01 (THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT.)

Background and Justification: (Continued from Page 1)

The contract time extension of 203 Calendars days is needed due to the time that was required to re-evaluate the design of the stormwater pond, negotiate a cost between the consultant and the contractor and schedule the work to be completed within the dry season. The cost to modify the pond shall be reimbursed by the consultant.

Subtotal amount to modify the pond......\$26,815.00

In addition, approval of Change Order No. 4 is requested to compensate the contractor for payment of 7 Change Order Requests (COR's) as submitted by Ranger Construction Industries Inc. Changes include modifications to proposed roadways to accommodate existing conditions, rehabilitation of the pavement on 11th street and Wilder Avenue within the project boundaries and additional electrical work required for security reasons. Reference modifications are in the attached summary by COR number along with a description of the COR, individual cost, category of change and a brief explanation. It is anticipated that the adjustment of contract quantities to final as-built conditions will result in the final contract amount to be within 1% of the original contract amount upon close-out of the project.

CHANGE ORDER					
X Owne Differi Zoning	r Initiate ng Site Conditions g/Code/Ordinance C ha /Omissions/In Design	nges		ns/Underruns other Agency/Outsi de Party e B. Non-Reimbursable	
PROJECT:	Construct Apron A Palm Beach Internat	tional Airport	C C R	CHANGE ORDER NO: Four (4) COUNTY/FAA PROJECT NO: PB08-12 CONTRACT DATE: October 20, 2009 CESOLUTION NO. R-2009-1765 DISTRICT # 2	
101 Sa	er Construction Indus ansbury's Way Palm Beach, Florida 3				
was d guideli modify guideli Subtot	ontractor substantially of etermined that the dines recommended by ing the pond to fundines. The cost to modified al Amount to Modify the	rainage pond the Federal Action instead by the pond sha	was retaining s Aviation Administr as a dry detent all be reimbursed	hin the approved contract time; however, stormwater for a longer period than the ration (FAA). This change order include ion system to follow the recommende to PBCDOA by the Consultant. \$ 26,815.00	16
Description of	ontinued on page 2				
OR DISRUPTIONS	RESULTING FROM. CAUSE	ED BY, OR INCIDE	NED MODIFICATION(S	AND RELEASES ALL CLAIMS FOR, COSTS AND TIMES), INCLUDING ALL CLAIMS FOR CUMULATIVE DELAY ICATION(S), AND INCLUDING ANY CLAIM THAT THE HANGE TO THE CONTRACT.	/ 0
The Original C	ontract Sum was			\$3,838,345.00	
Contract Sum	previous Change Ord	ers	***************************************	\$101,949.80	
The Contract	Sum will be increased	by this Change	a Order	\$ 3,940,294.80 \$ 73,092.85	
The new Cont	act Sum including Cha	inge Order will	be	\$ 73,092.65	
The Contract	ime will be increased	/decreased by	*******	203 Calendar days	
The Date of Co	ompletion date of this C	Change Order	therefore is	February 14, 2011	
The LPA Group Engineer		Contractor	ruction Industries	PBC Bd. of County Commissione Owners	<u>rs</u>
Address	Lakes Biva St 600	101 Sansbury Address	's way	Address	
West Palm Bea	ch, FL 33409		h./Florida/83411	West Palm Beach, FI 33406	
By: Mal &.		y: KUU	4. yell	Ву:	
Date: / 2 -/	4'-10 D	ate;/	0/2010	Date:	
	PALM B	EACH COUNTY	Y DEPARTMENT O	OF AIRPORTS	
Attest: SHAROI Clerk & 0	Comptroller	APPROVED	O AS TO TERI ITIONS:	MS Approved as to Form and Legal Sufficiency	
Ву:	ity Clerk	By: Direct	or of Airperts	By:County Attorney	

Attachment # _____

Construct Apron A R-2009-1765 Change Order No 4 Page 2

- The contract time will be extended by 203 Calendars days to allow for the time required to re-evaluate the design of the pond by the Consultant, negotiate a cost between the Consultant and the Contractor and schedule the work to be completed within the dry season.
- 3. This change order also includes approval for payment of 7 Change Order Requests (COR's) as submitted by Ranger Construction Industries Inc for reasons as shown in the attached Change Order 4 summary sheet. Changes include modifications to proposed roadways to accome modate existing conditions, rehabilitation of 11th street and Wilder Avenue within the project boundaries and addit ional electrical work required for security reasons. Reference modifications are in the attached sum mary by COR number along with a description of the COR, individual cost, category of change and a brief explanation. It is anticipated that the adjustment of contract quantities to final as-built conditions will result in the final contract amount to be within 1% of the original contract amount upon close-out of the project.

Subtotal Amount\$46,277.85

Total Change in Contract Amount......\$73,092.85

RESOLUTION NO: R-2009-1765

RANGER CONSTRUCTION INDUSTRIES, INC

PB 08-12 Construct Apron A

Γ	CHANGE ORDER NO 4: SUMMARY COST											
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	AMOUNT	DAYS	CODE	SUMMARY EXPLANATION				
COR10R	New Pay Items Additional Survey Work, Drainage Modifications for Grade Adjustments at Duncan Avenue, Loop Road and 13th Street.	LS	1	\$16,359.13	\$16,359.13		Onlesion/Recomn	Reference documents RFI No. 48, 49, 54 and 55. Duncan Road was originally to be partially reconstructed with the remainder milled/resurfaced. In order to meet existing conditions at interfaces it was necessary to regrade and reconstruct the full length. This required the contractor to obtain additional survey data, modify 2 storm drainage structures and resolve conflicts with the Loop Road Connector				
COR13	Add Barriers to MES No S12	LS	1	\$2,492.36	\$2,492.36		(20)	DOA Operations requested that a grate be installed across the 42-in Mitered End Section #512 to comply with Security requirements. The 42-inc RCP crosses into the AOA				
COR14	Modifications to existing Inlets along Loop Road	LS	1	\$2,600.97	\$2,600.97		Existing Conditions	There were (2) inlets that were part of the existing swale/drainage conveyance system that needed to be modified. The concrete lined swale and weir were removed as they no longer provide a function and conflict with the revised grades from RFI 5c.				
COR16	Extend Dumpster Pad and install Curb	LS	1	\$6,067.73	\$6,067.73		Omission/Recomm ended	The size of the dumpster pad needed to be extended to prevent future damage to the asphalt during operations. In addition, PBCWUD required that a curb be installed to protect the sanitary manhole west side of 8th street				
COR#17	Install MAXCELL Interduct	LS	1	\$5,505.34	\$5,505.34		DΘA	The existing communication cable that serves the emergency phones (drop lines) to the ARFF is not operational and needs to be replaced.				
COR#18	Additional Electrical Work	LS	1	\$2,458.02	\$2,458.02		(5/0%)	The arming loops at security gate 2 (V1) needed to be relocated to accommodate operations vehicles. In addition, Change Order No 3 omitted installation of conduit and wire to provide power to the ACX panel which was required to modify the operation of the security cameras.				
COR#19	Regrade detention pond	LS	1	\$26,815.00	\$26,815.00			The stormwater detention pond was to be designed to comply with FAA wildlife management criteria. This requires that it be designed for a maximum 48—hour detention period for the design storm and so the ponds remain completely dry between storms. The pond has significant groundwater infiltration which will not subside to the point that it will be below the pond bottom. The pond will be modified to provide for dry detention to drain within 24 hours in accordance with South Florida Water Management District Criteria and well in advance of the FAA Drainage criteria of 48 hours.				
COR20	Asphalt Pavement Milling	SY	4720	\$1.69	\$7,976.80		3.0,	The pavement on 11th street and wilder has deteriorated significantly due to the utility installation, construction traffic from the new ATCT and the Apron A project. The pavement will be milled and resurfaced				
COR20	Adjust valves and manholes	EA	7	\$402.50	\$2,817.50		19/BM/	The pavement on 11th street and wilder has deteriorated significantly due to the utility installation, construction traffic from the new ATCT and the Apron A project. The pavement will be milled and overlaid which will require some adjustments to existing valves and manholes				
	Subtotal New Pay Items				\$73,092.85							
	Adjustments to existing pay items							Other improvements required to rehabilitate Wilder Ave and 11th Street be paid for under existing pay items and shall be adjusted accordingly to as- built conditions with the close-out of the project				
				,								
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		1										
				<u> </u>			L					

Total Change Order No 4

\$73,092.85

LEGEND
Error

\$22,426,96. Omission/recommended and/or required in project.
Other Agency (TSA, PZ&B, Fire Marshall)
Department of Airports
\$2,600,97 Conditions not normally anticipated or encountered in construction.
Quantity Underruns, contract adjustments, \$73,092.85 Total Change Order # 4

SCHEDULE 1 LIST OF PROPOSED DBE SUBCONTRACTORS

PROJECT NAME:	PBIA Construct Apron A	PROJECT NO:	PB08-12
NAME OF PRIME BIDDER:	Ranger Construction Industries, Inc.	PHONE NO.:	(561) 793-9400
CONTACT PERSON:	Gregory Reilly	FAX NO:	(561) 790-4332
BID DATE:	7/14/2009	DEPARTMENT:	Airports

		DBE Subcontractor Amount						
Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	Black	Hispanic	Women	Other (Please Specify)			
None		\$	\$	\$	\$			
		\$	\$	\$	\$			
		\$	\$	\$	\$			
	Total:	\$	\$	\$	\$			
Total Bid Price:	\$73,092.85	Total Value of D	BE Participation:	\$0.00				
IOTE: The amounts listed on this form				0%				

NOTE: The amounts listed on this form must be supported by the Subcontractors prices included on Schedule 2 in order to be countedtoward goal attainment. GOALS STATED IN THE BID REQUIREMENTS ARE MINIMUMS AND NO ROUNDING WILL BE ACCEPTED.

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156	6 Kanawha Blvd. E.		ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.							
	rleston, WV 25329			INSURERS AFFORDING COVERAGE						
NSU Rang	RED ger Construction Industrie	es, Inc.	INSURER A: Ame	erican Guarant	ee & Liability Ins	Co				
	Box 15065		INSURER B:							
			INSURER C:							
Ves:	t Palm Beach, FL 33416-506	55	INSURER D:							
CO	/ERAGES		INSURER E:	W						
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ISR JR	TYPE OF INSURANCE	POLICY NUMBER		POLICY EXPIRATION DATE (MM/DD/YY)						
	GENERAL LIABILITY		DATE (MM/DU/YY)	DATE (MM/DD/YY)	EACH OCCURRENCE	S				
	COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	\$				
	CLAIMS MADE OCCUR				MED EXP (Any one person)	\$				
					PERSONAL & ADV INJURY	\$				
}	CENT ACCRECATE THE				GENERAL AGGREGATE	\$				
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	ANY AUTO				COMBINED SINGLE LIMIT (Ea accident)	\$				
	ALL OWNED AUTOS SCHEDULED AUTOS				BODILY INJURY (Per person)	\$				
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_					PROPERTY DAMAGE (Per accident)	\$				
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_	ANY AUTO				OTHER THAN EA ACC AUTO ONLY: AGG	\$				
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		ITIONAL INSURED; INSURER LETTER:	CANCELLAT	ION						
			SHOULD ANY OF	THE ABOVE DESCRIB	ED POLICIES BE CANCELLED B	EFORE THE EXPIRATION				
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PALM BEACH INTERNATIONAL AIRPORT PB08-12 CONSTRUCT APRON A FAA AIP No.:3-12-0085-051-2009 FDOT WPI:

CONTRACT HISTORY

DATE: NTP

CONTRACT TIME =

1/12/2010

150 382

CURRENT

SUBSTANTIAL COMPLETION DATE

6/10/2010 2/14/2010 CO#4

CONTRACT AMOUNT =

\$3,838,345.00 \$4,013,387.65

LIQUIDATED DAMAGES RESOLUTION NO

\$500/day. \$500/day Close-out

ORIGINAL

1765

ESOLUTION	NO	R-2	2009-1

CHANGE ORDER No.	DATE	DESCRIPTION	CHANGE ORDER TIME	VALUE OF TIME EXTENSION	CHANGE ORDER AMOUNT	*TOTAL VALUE OF CHANGE ORDER ADJUSTED FOR TIME	LEAD DEPT APPROVAL	CRC APPROVAL	CUMULATIVE APPROVAL	BCC APPROVAL	PERCENT CHANGE	NEW CONTRACT AMOUNT	STATUS
1	1/20/2010	Relocate Watermain at Ditch Crossing	11	\$5,500	\$21,426.67	\$26,926,67	\$21,426.67	s -	\$ 21,426.67		0.56%	\$3,859,771.67	Approved on 3/18/2010
2	or es-	COR 2,5-9		\$0	\$47,460.13	\$47,460,13	\$ 47,460.13		\$ 68,886.80		1.24%	\$3,907,231.80	Approved 5/26/10
3		COR 12 Security Access Cameras	18	\$9,000	\$33,063.00	\$42,063.00		\$33,063.00	\$ 101,949.80		0.86%	\$3,940,294.80	Approved 6/30/2010
4		COR 10R, 13, 14, 16, 17, 18,19,20	203	\$101,500	\$73,092.85	\$174,592.85			\$0.00	\$73,092.85	1.90%	\$4,013,387.65	
		Total	232		\$ 175,042.65		\$ 68,886.80	\$ 33,063.00	\$ 101,949.80				

Approval Authority

CO Value \$0-50,000 Cumm CO Value \$0-100,000 50,001-100,00 \$100,101 - 200,000 >\$100,001

See Note 1

To be approved by the Dept To be approved by the CRC
To be approved by the Board

> <u>Authority</u> Lead Dept CRC BCC

Cumulative Days **Authority** 0-30 days Lead Dept 31-90 CRC

BCC

Time Extensions in excess of 90 Days must be approved by the Board and does not count towards the Cumulative Limit

Cumulative Value - Revised as of 6/24/09

When the cumulative value of changes or additional work exceeds the greater of \$250,000 or 5% of the original contract then it must be brought to the board. The cumulative value is then reset to 0

*Time must also be evaluated based on value of LD's for projects over \$1,000,000. The vaule of the time extension is not included when calc the cummulative value

11- 0269

OFMB Department - Posted

BUDGET TRANSFER

BOARD OF COUNTY COMMISSIONERS PALM BEACH COUNTY, FLORIDA

Page 1 of 1 pages

Fund 4111

Airport improvement & Development Fund

Advantage Document Numbers: BGEX 121610/608 BGRV

Board of County Commissioners

Use this form to provide budget for items not anticipated in the budget.

ACCT.NUMBER	ACCOUNT NAME	ADOPTED BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 1 / 6//	REMAINING BALANCE
Expenditures							•	
121-A258-6504	P-Apron A	0	297,558	73,093	0	370,651	297,558	73,093
121-A900-9909	Reserves Improvement Program	19,969,159	18,672,757		73,093	18,599,664	o	18,599,664
	Total Appropriations & Expenditures	Signatures		73,093	73,093			
	05110	Signatures			Date		y Board of County Com	imissioners
INITIATING DEF	OFMB PARTMENT/DIVISION	Phi (MS,	<u></u>	-	12 27 1		t Meeting of February 1, 2011	
Administration/Bu	dget Department Approval		kian_		1/1/201	D	eputy Clerk to the	

S