PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY



Meeting Date: February 27, 2007

[x]Consent

[]Regular

[]Ordinance

[]Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

A) Amendment No. 2 to contract with H.A. Contracting Corp. (R2005-0540) to increase the total dollar value limit by \$250,000 to \$1,750,000;

B) JOC Work Order No. 07-062 with H.A. Contracting Corp., (R2005-0540) in the amount of \$809,873.19 to provide replacement of the existing Uninterrupted Power Supply (UPS) system for PBSO Administration, CJC Building A.

SUMMARY: Amendment No. 2 will provide sufficient contract capacity to allow Work Order No. 07-062 to be authorized. This increase in capacity will cover the amount of this Work Order, any changes to this work, as well as change orders to other open work orders. Work Order No. 07-602 consists of the replacement of the existing UPS system including remodeling of a room to house the system, with associated electrical and HVAC upgrades. The SBE goals are 15%. SBE participation in this Work Order is 68.10%. When the participation for this Work Order is added to H.A.'s total participation-to-date, the resulting values are 33.1%. The total construction duration is 180 days. This Work Order will comply with all applicable local, state and federal codes and regulations. (FD&O Admin) Countywide/District 2 (JM)

Background & Justification: The existing UPS system was inadequate for the PBSO needs. The new system will provide for all current needs as well as provide for future growth.

Attachments:

- 1. Amendment No. 2
- 2. Work Order
- 3. Contractor's Cost Proposal
- 4. SBE Estimate Report
- 5. BAS
- 6. Location Map

Approved by:

| County Administrator | Date | Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Year	2007	2008	2009	2010	2011
Capital Expenditures Operating Costs	880,710.64	0 0	0 0	0 0	0 0
External Revenues Program Income (County) In-Kind Match (County)	(880,710.64) 0	0 0 0	0 0 0	0 0 0	0 0 0
NET FISCAL IMPACT	0	0	0	0	0
# Additional FTE Positions (Cumulative)	.—	- 	_	· <u> </u>	

Is Item Included in Current Budget? Yes X No _

Budget Account No:

3804-411-B407-50-4907

3804-411-B407-8498

Reporting Category _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

This project is being funded in its entirety by the Sheriff.

Construction: 809,873.19
Architect/Eng 12,148.10
Staff Costs 18,195.69
Contingency 40,493.66
880,710.64

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development & Control Comments:

2.14-07 CN/13/1

ontract Dev and Control

B. Legal Sufficiency:

This amendment complies with our review requirements.

Assistant County Attorney

This item complies with current County policies.

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

AMENDMENT #2 TO JOB ORDER CONTRACT

This agreement amends the contract between Palm Beach County (County) and H.A. Contracting Corp, (Contractor) authorized pursuant to Palm Beach County Resolution (R-2005-0540).

The original contract provided that Contractor would act as an annual general contractor from March 15, 2005 to March 14, 2006 or until Contractor had been awarded projects totaling one million, five hundred thousand dollars (\$1,500,000), whichever occurred first. That contract also provides that it could be extended for two additional terms. This amendment is a revision to the previous amendment dated March 14, 2006.

The County is increasing the total dollar value limit for the second term by \$250,000, from \$1,500,000 to \$1,750,000 based on a large pending project which would exceed the value assigned to the contract. This amendment will provide sufficient contract capacity to allow this pending Work Order to be authorized. This increase in capacity will cover the amount of this work order, any change orders to this work order, as well as change orders to other open work orders. The parties agree that the total dollar value of work authorizations issued pursuant to this amendment shall not exceed one million, seven hundred and fifty thousand dollars (\$1,750,000).

Except as amended herein, all provisions of the existing contract shall remain in full force and effect.

ATTEST: Sharon R. Bock, Clerk & Comptroller	BOARD OF COUNTY COMMISSIONERS
Deputy Clerk	Addie L Greene, Chairperson
Witness: Leny Chuid Printed Name Howizy Schmid Signature	H.A. dontracting Corp. Jenny Curple III Signature Phesioen Title
APPROVED AS TO FORM AND LEGAL SUFFICIENCY	APPROVED AS TO TERMS AND CONDITIONS
	as Ammy Woff
Assistant County Attorney	Audrey Wolf, Directdr Facilities Development & Operations

February 07, 2007	JOC Work Order Job Order Construction Services	
06645	PBSO Admin - UPS CJC Bldg A, Administration, 3228 Gun Club Road 3228 Gun Club Road, WEST PALM BEACH	TORION

Brief Description:

Provide Labor and materials to install 600 KVA UPS Provided by County As per Gartek

Specifications

Contractor:

HA Contracting Corp.

9500 NW 12th Street Miami, FL 33172

Contract:

R-2005-0540 Dated March 15, 2005

AMOUNT:

\$ 809,873.19

DISTRICT: 2

Funding:

3804-411-B407-50-4907

JOC Work Order #: 07-062

Project Duration: 180 Days (Liquidated damages will apply)

Approval Signatures

Far Andre Gonzalez, Project Coordinator	a 7/07 Date
Audrey Wolf, Director	1 Ava Mus Woff 2/1/07
Facilities Development & Operations	Pate
Chair	(NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000)
Contract Review Committee	Date
Approved as to form and legal sufficiency	
County Attorney	Date
Addie L. Greene, Chairperson	
Board of County Commissioners	Date

President	Larue São	2-7-07
HA Contracting Corp.	7.00	Date

COPY: Project File

Procurement & Project Implementation Group 3323 Belvedere Rd, Bldg 509, West Palm Beach, FL 33406

Job Order #:

06645

Job Order Title:

PBSO Admin - UPS

Date:

February 07, 2007

Section	Total
Section 01 - General Requirements	\$306,594.25
Section 02 - Site Work	\$21,730.50
Section 03 - Concrete	\$7,641.29
Section 04 - Masonry	\$959.42
Section 05 - Metals	\$13,040.70
Section 07 - Thermal & Moisture Protection	\$11,314.09
Section 09 - Finishes	\$7,926.26
Section 13 - Special Construction	\$47,834.32
Section 15 - Mechanical	\$54,685.63
Section 16 - Electrical	\$334,061.33
Section 18 - Non-PrePriced	\$4,085.40
Job Order Proposal Total	\$809,873.19

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

Job Order Contract Proposal Review

Date

February 07, 2007

Re:

Job Order #:

06645

Title:

PBSO Admin - UPS

Contractor:

HA Contracting Corp.

Review:

PBSO Admin. UPS - 2/6/2007 4:51:40PM

Proposal Value:

809,873.19

Sect.	ltem	Mod.	UOM	Description	1					· · · · · · · · · · · · · · · · · · ·	Line Total
Sectio	n 01										
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC	uested	The CTC Include Specifically By	e Approp The Ow	oriate Costs To Cove ner For Miscellaneou	er Labor. us Work	38,494.80
					Quantity	•	Unit Price		Factor	Total	
			In	stallation	1,200.00	х	31.45	x	1.0200 =	38,494.80	
			· Do	emo exist. UPS	•						
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC	uested	The CTC Include Specifically By	e Approp The Ow	oriate Costs To Cove ner For Miscellaneou	er Labor. us Work	14,756.34
					Quantity		Unit Price		Factor	Total	
			In	stallation	460.00	X	31.45	X	1.0200 =	14,756.34	
			Τe	emp. feeders fo							
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC Quantity	uested	The CTC Include Specifically By Unit Price	e Approp The Owi	oriate Costs To Cove ner For Miscellaneou Factor	us Work Total	41,702.70
			ln.	stallation	1,300.00	Х	31.45	X	1.0200 =	41,702.70	
			De	emo elec. equip				,			
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC	uested	The CTC Include Specifically By	e Approp The Owi	oriate Costs To Cove ner For Miscellaneou	us Work	19,247.40
					Quantity		Unit Price		Factor	Total	
			ln:	stallation	600.00	X	31.45	x	1.0200 =	19,247.40	
	. , .		De				lers re route exis				
01352	1091		HR	These Items	s Will Be Req d In The CTC	uested	Specifically By	e Approp The Owi	oriate Costs To Cove ner For Miscellaneou	er Labor. us Work Total	28,871.10
			lm.	atallatian	Quantity		Unit Price 31.45		Factor 1.0200 =	28,871.10	
				stallation	900.00	X	31.45	х	1.0200	20,071.10	
				ec. syst. chang			T. 0TO L ded		-into Conta To Cour	r I obor	00.000.00
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC.	uested	Specifically By	The Owi	oriate Costs To Cove ner For Miscellaneou	us Work	23,096.88
					Quantity		Unit Price		Factor	Total	
				stallation	720.00	X	31.45	X	1.0200 =	23,096.88	
			A/	C feeders & co							
01352	1091		HR	These Items	Note: Line Ite s Will Be Req d In The CTC.	uested	The CTC Include Specifically By	e Approp The Owi	oriate Costs To Cove ner For Miscellaneou	er Labor. us Work	16,681.08
				1101 0010101	Quantity		Unit Price		Factor	Total	
			In	stallation	520.00	x	31.45	×	1.0200 =	16,681.08	
			F/	A - Syst. & dev		exist.					
01352	1091		HR	These Items	Note: Line Ite Will Be Required In The CTC.	uested	The CTC Include Specifically By	e Approp The Ow	oriate Costs To Cove ner For Miscellaneou	er Labor. us Work	44,910.60
				1101 0010101	Quantity		Unit Price		Factor	Total	
			Ins	stallation	1,400.00	х	31.45	x	1.0200 =	44,910.60	
			Inc	stall owner UPS	,						

07 February 2007

Page 1 of 17

Sect.	ltem	Mod.	UOM								Line Total
01352	1251		HR	Plumber,	Note: Line Item	s In Tr	ne CTC Include	Appropr	iate Costs To Cover L	.abor. s Work	588.50
					ms Will Be Req red In The CTC		Specifically By	: ne Ow	ner For Miscellaneou	SVVOIK	
				1401 0046	Quantity	•	Unit Price		Factor	Total	
			į.	nstallation	16.00	X	36.06	×	1.0200 =	588.50	
				Demo mop sir	ık & bibb & cap						
01352	1251		PCT		man, Add						29.38
					Quantity		Unit Price		Factor	Total	
			li	nstallation	16.00	X	1.80	х	1.0200 =	29.38	
			1'	Demo mop si	nk & bibb & cap						
01352	1251		HR	Plumber.	Note: Line Item	s In Th	ne CTC Include	Appropr	iate Costs To Cover L	abor.	2,942.50
0.002	,_0.			These Ite	ms Will Be Req	uested	Specifically By	The Ow	ner For Miscellaneou	s Work	
				Not Cove	red In The CTC	•	Unit Price		Factor	Total	
			h	nstallation	Quantity 80.00	x	36.06	х	1.0200 =	2,942.50	
				o cap off exis		^		^	1.0200	•	
01352	1501		HR			s In The	e CTC Include A	ppropri	ate Costs To Cover L	abor.	668.71
01352	1001		HK	These Ite	ms Will Be Red	uested	Specifically By	The Ow	ner For Miscellaneou	s Work	000.7
					red In The CTC						
				nstallation	Quantity		Unit Price 16.39		Factor 1.0200 =	Total 668.71	
					40.00	X	10.35	X	1.0200	000.71	
				rep planter fo		ı İn Th	o CTC Include A	nnronri	ate Costs To Cover L	ahor	4,517.08
01352	1501		HR	These Ite	ms Will Re Red	s in ini	l Specifically By	The Ov	ner For Miscellaneou	s Work	4,517.00
					red In The CTC		. оробилаши, _,				
					Quantity		Unit Price		Factor	Total	
			li	nstallation	260.00	Х	16.39	x	1.0600 =	4,517.08	
				Demo o.h. dr.,							
01352	3020		HR	Programi	ning And Certifi	cation	Of New Devices	To Exis	sting Panels		9,792.00
					Quantity		Unit Price		Factor	Total	
			· 1	nstallation	80.00	X	120.00	x	1.0200 =	9,792.00	
			F	A certificatio							
01352	3020		HR	Programi	ning And Certifi	cation	Of New Devices	To Exis	sting Panels		9,608.40
					Quantity		Unit Price		Factor	Total	
			li	nstallation	78.50	х	120.00	×	1.0200 =	9,608.40	
			A	VC start up &	warranty						
01352	3020		HR	Programi	ning And Certifi	cation	Of New Devices	To Exis	sting Panels		10,526.40
	**			_	Quantity		Unit Price		Factor	Total	
			1:	nstallation		x	120.00	х	1.0200 =	10,526.40	
							sting, final testin		omer training and as t	uilt drawings.	
01431	2114		EA		sion Test, Core			<u> </u>			63.60
01431	2114		LA	00			•		Factor	Total	
			l i	nstallation	Quantity	.,	Unit Price 20.00	×	1.0600 =	63.60	
	0.1.10				3.00 Mix Designs	×			1.0000		190.80
01431	2118		EΑ	Concrete						Total	155.50
			1.		Quantity		Unit Price 90.00		Factor 1.0600 =	Total 190.80	
				nstallation	2.00	X	90.00	X	1.0600	100.00	41.70
01431	2124		EA	Slump 16	est, ASTM C143						41.79
					Quantity		Unit Price		Factor	Total	
			li	nstallation	3.00	X	13.14	X	1.0600 =	41.79	
01520	1003		MO	Portable	Toilets, Chemic	al					183.60
					Quantity		Unit Price		Factor	Total	
			lı	nstallation	3.00	х	60.00	x	1.0200 =	183.60	
01520	4012		MO	8' x 8' x 2	0' Storage Con					h	506.06
					Quantity		Unit Price		Factor	Total	
			i.	nstallation	•	x	165.38	х	1.0200 =	506.06	
0.4.505	40.40		·		3.00 ery, Each Way,						153.00
01520	4012		EA	ויטו טפוועי		, ruu			9** k ·		,55.50
				nstallation	Quantity		Unit Price 75.00	x	Factor 1.0200 =	Total 153.00	
					2.00	Х					

Page 2 of 17

Sect.	Item	Mod.	UOM	Description	1						Line Total
01540	3005		WK	_	folding 21' T	o 40' Co	omplete With W	heels,	Railings, Etc., (5' Wide X 7'	Long	2,730.86
				Section)	Quantity		Unit Price		Factor	Total	
			Inst	allation	12.00	х	214.69	х	1.0600 =	2,730.86	
01540	3011		EA	Dismantling	folding Erect	ion And	Dismantling. C d To Set-up Sc	ost Ind	cludes Both Erection And ng And Dismantle For Return	n, Per	441.17
				_	Quantity		Unit Price		Factor	Total	
			Inst	allation	20.00	X	20.81	Х	1.0600 =	441.17	
01550	6001		CLF	Safety Tape	For Area Iso	olation					1,441.26
			Inst	allation	Quantity 300.00	x	Unit Price 4.71	· x	Factor 1.0200 =	Total 1,441.26	
01560	4001		LF ·	Temporary S	Safety Fence	, Plastic	c Mesh, 48" Hig	n With	Posts At 8' On Center		816.00
					Quantity		Unit Price		Factor	Total	
			Inst	allation	1,000.00	Х	0.80	х	1.0200 =	816.00	
01560	7129		WK	Type II Traff	ic Control Ba	rricade	, 2' Wide x 3' Hi	gh, 2 l	Reflectorized Rails Each Sid	le	3,590.40
					Quantity		Unit Price		Factor	Total	
			Inst	allation	320.00	Х	11.00	Х	1.0200 =	3,590.40	
01590	1152		WK	42" x 60" x 3	30' High Platf	orm, 10	100#				7,418.26
					Quantity		Unit Price		Factor	Total	
			Inst	allation	16.00	Х	454.55	Х	1.0200 =	7,418.26	
01590	4105		WK	60" Wide, 1/	3 CY Bobcat	, With F	Full-Time Opera	tor			2,903.10
					Quantity		Unit Price		Factor	Total	
			Inst	allation	2.00	Х	1,423.09	X	1.0200 =	2,903.10	
			For	slab demo.							
01590	4705		WK	1 CY, 24" Bu	ucket, 14'-4"	Deep, 7	'5 HP Loader-B	ackho	e Note: With full-time operat	tor	12,750.84
					Quantity		Unit Price		Factor	Total	
			Inst	allation	6.00	X	2,083.47	х	1.0200 =	12,750.84	
01590	9711		DAY	9000 To 120	000 LB Forkli	ft With I	Full-Time Opera	itor			1,041.50
					Quantity		Unit Price		Factor	Total	
			Inst	allation	2.00	X	510.54	х	1.0200 =	1,041.50	
01591	3134		DAY	3 Ton Flat B	ed Truck, 4 >	2, With	n Full-Time Truc	ck Driv	er		808.11
					Quantity		Unit Price		Factor	Total	
			Inst	allation	2.00	X	396.13	X	1.0200 =	808.11	
			Trar	ns to surplus							
01720	1601		ACR	Survey Clea	r Area For U	ndergro	und Utilities				1,562.56
					Quantity		Unit Price		Factor	Total	
			Inst	allation	1.00	Х	1,531.92	х	1.0200 =	1,562.56	
01740	1111		CSF	Clean Misce	llaneous Sur	faces, V	Vipe Down With	n Mild	Detergent		3,517.47
					Quantity		Unit Price		Factor	Total	
			Inst	allation	825.00	Х	4.18	Х	1.0200 =	3,517.47	
									Subtotal for	• 01 \$3	06,594.25
Section	1 02										
02102	1101		ACR	Clear And G	rub Light Tre	es To 6	" (15 cm) Diam	eter, C	Cut And Chip, Include Grub /	And	3,817.56
				Removal Of	•		11.11.15.15		Fastar	Total	
			Inst	allation	Quantity	v	Unit Price 2,495.14	x	Factor 1.0200 =	3,817.56	
02111	5112		SF		1.50	X 6" Thic			einforced Slab On Grade	_,	5,129.55
02111	5113		SF	201101010 00	•	5 11110				Total	5, ,25.55
			Inet	allation	Quantity	v	Unit Price 10.52	x	Factor 1.0600 =	5,129.55	
02442	6000		<u></u>		460.00	Concre	te Slab Up To 4			-,	698.33
02112	6006		LF	Jaw Jul 1300		SOUR		(10)		· T_1=1	030.00
			Inch	allation	Quantity		Unit Price 1.83		Factor	Total 698.33	
			msta	anation	360.00	X	1.00	X	1.0600 =		

Page 3 of 17

Sect.	ltem	Mod.	UOM	Descripti	on							Line Total
02112	6006		PCT	For Each	or Each Additional Pass (Depth To 3"), Add							1,022.69
			Ins	tallation	Quantity 1.440.00	x	Unit Price 0.67	х	Factor 1.0600	= .	Total 1,022.69	
02112	7153		EA	Drill 2" (5	0 mm) Diamete	r Core	In 8" (20 cm) Co	oncrete				1,135.26
			Ins	tallation	Quantity 42.00	x	Unit Price 26.50	x	Factor 1.0200	=	Tota 1,135.26	
02112	7154		EA	Drill 3" (7		r Core	In 8" (20 cm) Co	oncrete			***	397.19
			Ins	tallation	Quantity 12.00	x	Unit Price 32.45	X	Factor 1.0200	=	Total 397.19	
02112	7154	*******	PCT	For Horiz	ontal Holes, Ad							74.91
			ins	tallation	Quantity 12.00	X	Unit Price 6.12	x	Factor	=	Total 74.91	
02112	7155		EA	Drill 4" (10			n 8" (20 cm) Co					779.57
			Ins	tallation	Quantity 18.00	x	Unit Price 42.46	x	Factor 1.0200	=	Total 779.57	
02112	7155		PCT	For Horizo	ontal Holes, Ado							146.88
			Inst	tallation	Quantity 18.00	×	Unit Price 8.00	x	Factor 1.0200	= '	Total 146.88	
02119	1201	· · · · · · · · · · · · · · · · · · ·	CY	Dump Fee			s, Building Cons					332.32
			Inst	tallation	Quantity 60.00	x	Unit Price 5.43	x	Factor 1.0200	=	Total 332.32	
			For	concrete				,				
02119	2001		CYM	Hauling U	p To 15 Miles C	On Pav	ed Roads					514.08
			Inst	tallation	Quantity 2,400.00	x	Unit Price 0.21	x	Factor 1.0200	=	Total 514.08	
02201	1002		EA		t Delivery Fee,		avator (Or Simil ry, Set-up and R			Up To :		853.71
			Inst	tallation	Quantity 3.00	x	Unit Price 278.99	x	Factor 1.0200		Total 853.71	
02215	2001		CY	Excavatio Trimming	Sides and Botte	by Hai om of		es Stock	piling Excess Factor	Mater	ials and Total	2,550.00
			Inst	allation	Quantity 100.00	x	Unit Price 25.00	х	1.0200	=	2,550.00	
02215	4001		CY	Compaction			se for Trenches				per, etc.	153.00
			Inst	allation	Quantity 100.00	x	Unit Price 1.50	х	Factor 1.0200	=	Total 153.00	
02215	6002		CY	Load Exce			or Removal fron	n Excava	tion for Tren	ching		935.34
			Inst	allation	Quantity 50.00	x	Unit Price 18.34	x	Factor 1.0200	=	Total 935.34	
02720	1101		LF	4" Steel P			ainted Or Powde	er Coated				1,161.33
			Inst	allation	Quantity 48.00	x	Unit Price 23.72	x	Factor 1.0200	=	Total 1,161.33	
· · · · · · · · · · · · · · · · · · ·			6 B	ollards								
02810	2002		CF	Mulch, Pe	at Moss Quantity		Unit Price		Factor		Total	2,028.78
			Inst	allation	900.00	Х	2.21	х	1.0200	=	2,028.78	
C4!	. 02								Sı	ıbtota	il for 02	21,730.50
Section 03110	1611		LF	Slah On G	rade Edge Forr	ns. Un	To 6" High (15	Cm) Hial	h			250.71
V311U	1011			allation	Quantity	х	Unit Price 1.62	x	Factor 1.0600	=	Total 250.71	200.71
03150	1202		LF		146.00 remolded Felt A		t Expansion Joir					161.76
			Insta	allation	Quantity 140.00	x	Unit Price 1.09	×	Factor 1.0600	-	Total 161.76	

Page 4 of 17

Sect.	Item	Mod.	UOM	Descripti							Line Total
03150	1401		LF	Screed Jo	oint For 4" (10 (Cm) Thi	ck Slab				559.68
					Quantity		Unit Price		Factor	Total	
				tallation	320.00	X	1.65	Х	1.0600 =	559.68	
03150	3004		EA	Bar Chair	s Up To 3" High	n, Plain			•		67.42
			Inci	tallation	Quantity		Unit Price 0.53		Factor	Total 67.42	
00450	0004	;			120.00	Х	0.55	Х	1.0600 =	07.42	16.54
03150	3004		PCT	For Plasti							16.54
			Inci	tallation	Quantity		Unit Price 0.13	x	Factor 1.0600 =	Total 16.54	
03210	5003		EA		120.00	X	5/8" x 24" Long,			70.01	9.79
03210	3003		EA	LPOXY OU	•	Owers,		<i>"</i> υ. το		Total	3.73
			Inst	tallation	Quantity 4.00	x	Unit Price 2.31	×	Factor 1.0600 =	9.79	
03220	1004		SF	** **					Blabs, (W 4.0 x W 4.0)		407.04
03220	1004		or .	0 / 0 / 1/-1						Total	707.07
			Inst	tallation	Quantity		Unit Price 0.64	х.	Factor 1.0600 =	Total 407.04	
02244	4465		CY		600.00	X " Conc	rete Pump, 300				1,531.81
03311	1165		CY	r our Stat		, conc		0 , 0, ,		T-4-1	1,001.01
			Inci	tallation	Quantity		Unit Price 96.34	.,	Factor 1.0600 =	Total 1,531.81	
00044	4405	·			15.00	X Type 3	ASTM C150, Ac	X	1.0000	1,001.01	123.38
03311	1165		PCT	rot right	, ,	Type 3		uu		+	123.30
			lnot	allation	Quantity		Unit Price 7.76		Factor	Total 123.38	
		 		allation	15.00	X		X	1.0600 =	125.50	0.550.04
03311	1165		CY	Pour Slab	On Grade, < 6	", Cond	rete Pump, 300	0 PSi (Concrete		2,553.01
					Quantity		Unit Price		Factor	Total	
				allation	25.00	X	96.34	х	1.0600 =	2,553.01	
	-			k bank						accas is	
03311	1198		CF		And Place Con when directed I			ere co	nventional equipment a	ccess is	670.34
				minica or	Quantity	Jy the c	Unit Price		Factor	Total	
			Inst	allation	60.00	x	10.54	X	1.0600 =	670.34	
03311	1198		PCT	For High I	Early Strength,	Туре 3	ASTM C150, Ad	dd			20.99
					Quantity		Unit Price		Factor	Total	
			Inst	allation	60.00	X	0.33	x	1.0600 =	20.99	
03311	2011		CY	Delivery F	ee For Concret	e Purci	hases Per CY Fo	or Eac	h CY Less Than 9 CY		95.40
					Quantity		Unit Price		Factor	Total	
			Inst	allation	6.00	х	15.00	х	1.0600 =	95.40	
03350	1005		SF	Concrete	Floor Finishes,	Final F	loat				286.20
					Quantity		Unit Price		Factor	Total	
			Inst	allation	600.00	х	0.45	x	1.0600 =	286.20	
03920	2102		SF	Patch Flo		", Ерох	y Cementitious	Patchi	ng Mortar		887.22
					Quantity		Unit Price		Factor	Total	
			Inst	allation	100.00	x	8.37	x	1.0600 =	887.22	
	 								Subtotal	for 03	\$7,641.29
									Captota	10. 00	ψ.,ο <u></u> ο
<u>Section</u>	n 04					- · ·					205.70
04160	1004		LB	Vertical #	5 And #6 Rebai	Reinfo	orcing				365.70
					Quantity		Unit Price		Factor	Total	
			Inst	allation	500.00	X	0.69	X	1.0600 =	365.70	
04160	2113		CLF	Horizonta	Truss Joint Re	einforcir	ng In 8" Wall, Us	е 6" V	/ide Truss For 8" Wall		107.61
				•	Quantity		Unit Price		Factor	Total	
			Inst	allation	4.00	Х	25.38	Х	1.0600 =	107.61	
04220	3303		SF	8" x 16" x	8" (21 cm) Reg	ular Co	ncrete Masonry	Unit P	artition Block (Sand Ag	gregate)	486.11
					Quantity		Unit Price		Factor	Total	
			Inst	allation	121.00	х	3.79	х	1.0600 =	486.11	
									Subtotal	for 04	\$959.42

Page 5 of 17

Section	~ OF										
	105										
05502	2001		EA	1/4" Snap-0	Off Self Drilling	g Ancho	or 1-3/32" Min D	epth In	Concrete		10,367.28
			Inci	allation	Quantity		Unit Price 4.62	x	Factor 1.0200 =	Total 10,367.28	
05502	2001		PCT		2,200.00 nai Cost To D	x rill Hole	s Overhead Ins			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,893.12
05502	2001		PUI	7 Of 7 Iddition			Unit Price		Factor	Total	1,000.12
			Inst	allation	Quantity 1,600.00	x	1.16	X	1.0200 =	1,893.12	
05506	1012		LF	Unistrut Ch			1-5/8" High, 14 (695.23
					Quantity		Unit Price		Factor	Total	
			Inst	allation	120.00	x	5.68	Х	1.0200 =	695.23	
05506	3012		EA	Unistrut Nu	t With Spring,	1-5/8"	Channel 3/8"				85.07
			,		Quantity		Unit Price		Factor	Total	
			Inst	allation	60.00	Х	1.39	Х	1.0200 =	85.07	
									Subtota	for 05 \$	13,040.70
Section	n 07										
07131	5003		CSF	10 Mil Polye	ethylene Vapo	or Barrie	ər				72.06
				!!!!	Quantity		Unit Price		Factor	Total 72.06	
				tallation	6.00	Х	11.33	X	1.0600 =	12.00	14.44
07131	5003		PCT	For Joint Ta						T-1-1	14.44
			lasi	tallation	Quantity		Unit Price 2.27		Factor 1.0600 =	Total 14.44	
07040	1011				6.00	X t 2 Ho	ur, Type 1 Struc	X tural Ste			6,080.93
07810	1211		CSF	riieprooiing		1, 2 110		iturar Ott		Total	0,000.00
			Inst	tallation	Quantity 5.00	x	Unit Price 1,192.34	x	Factor 1.0200 =	6,080.93	
07840	1004		EA				le With 1" Pipe		1.000		37.13
07040	1004		L., \		Quantity		Unit Price		Factor	Total	
			Inst	allation	20.00	x	1.82	X	1.0200 =	37.13	
07840	1006		EA	Firestoppin		Hole V	Vith 3/4" Pipe				103.00
					Quantity		Unit Price		Factor	Total	
			Inst	allation	22.00	x	4.59	X	1.0200 =	103.00	
07840	1033		EA	Firestopping	g 4" Diameter	Hole V	Vith 3" Pipe				176.99
					Quantity		Unit Price		Factor	Total	
			inst	allation	18.00	х	9.64	X	1.0200 =	176.99	
07840	2001		EA	1-1/2" Fire	Stop Collar						254.39
					Quantity		Unit Price		Factor	Total	
			Inst	tallation	20.00	Х	12.47	Х	1.0200 =	254.39	000.00
07840	2004		EA	4" Fire Stop	Collar						268.63
			1		Quantity		Unit Price 16.46		Factor	Total 268.63	
<u></u>				tallation	16.00	X 1" Inint		×	1.0200 =	200.00	3,346.37
07840	3015		CLF	Fire Caulk /	And Seal, 1"x	ı Joint			p ,	Total	3,340.37
			Inet	tallation	Quantity	.,	Unit Price 656.15	x	Factor 1.0200 =	3,346.37	
07000	4000	:	CLF		5.00 aulk And Seal	1/4"x3			1.0200		960.15
07920	1002		CLF	On base of		, 174 AC			Factor	Total	
			Inst	allation	Quantity 20.00	x	Unit Price 45.29	х	1.0600 =	960.15	*
					20.00				Subtota	l for 07 \$	11,314.09
Costina	- 00									·	,
Section 09205	1103		SF	7/8" Furring	Channel On	Solid V	Vall, 16" (41 cm) On Ce	nter, Cold Rolled		174.90
U9ZU3	1103		JI				Unit Price	•	Factor	Total	
			Inet	allation	Quantity 150.00	x	1.10	х	1.0600 =	174.90	

Page 6 of 17

Sect.	Item	Mod.	UON	// Descript	ion					1	Line Total
09220	1104		SF		Float Finish, 3 C	oats, ′	I" Including Lath	and Fel	t Note: Interior or exterior	, one	725.89
				side.	Quantity		Unit Price		Factor	Total	
				Installation	160.00	х	4.28	Х	1.0600 =	725.89	
09250	1103		SF	5/8" Dryv	vall, One Layer,	One F	ace On Wood Or	Metal	Studs Or Furring, (16 mm	1)	110.24
					Quantity		Unit Price		Factor	Total	
				Installation	160.00	Х	0.65	X	1.0600 =	110.24	
09250	4101		SF	Tape, Sp	ackle And Finis	h Dryv	vali Walls Up To 1	IO. Heid	int		34.98
			1	Installation	Quantity		Unit Price 0.22		Factor 1.0600 =	Total 34.98	
00544		-			150.00 And Reinstall A	X		Х	1.0600	04.00	1,378.00
09511	6002		SF	Kemove		Cousin			Fastas	Total	1,570.00
				Installation	Quantity		Unit Price 0.26	x	Factor 1.0600 =	Total 1,378.00	
00010	1601		SF		5,000.00	X rfaces	One Coat Primer			1,010.00	349.80
09910	1601		SF	i aint Lat		naccs		, 5.40.	Factor	Total	010.00
				Installation	Quantity 1,000.00	х	Unit Price 0.33	x	1.0600 =	349.80	
09910	1603		SF				, Two Coats Pain				710.20
03310	1005		- 01		Quantity		Unit Price	•	Factor	Total	
				Installation	1,000.00	x	0.67	х	1.0600 =	710.20	
09910	6211		LF	Paint Co			Γο 1-1/2" Diamete				161.12
00010	OZ I I				Quantity		Unit Price		Factor	Total	
			ł	Installation	400.00	х	0.38	x	1.0600 =	161.12	
09910	6212		l.F	Paint Co			3-1/2" Diameter,	One C			133.56
000.0					Quantity		Unit Price		Factor	Total	
			1	Installation	300.00	х	0.42	х	1.0600 =	133.56	
09910	6223		LF	Paint Ste		neter,	One Coat Paint				99.64
		•			Quantity		Unit Price		Factor	Total	
			1	Installation	200.00	х	0.47	х	1.0600 =	99.64	
09910	6231		LF	Paint Co	nduit, Steel Pipe	1/2"	To 1-1/2" Diamete	er, Two	Coats		318.00
		•			Quantity		Unit Price		Factor	Total	
			!	Installation	400.00	х	0.75	Х	1.0600 =	318.00	-
09910	6232		LF	Paint Co	nduit, Steel Pipe	2" To	3-1/2" Diameter,	Two C	coats		263.94
					Quantity		Unit Price		Factor	Total	
				Installation	300.00	х	0.83	Х	1.0600 =	263.94	
09910	6233		LF	Paint Ste	el Pipes 4" Diar	neter,	Two Coats				190.80
					Quantity		Unit Price		Factor	Total 190.80	
				Installation	200.00	X	0.90	X vala/Dal	1.0600 =	190.00	171.72
09920	1415		SF	Paint Inte	erior Drywall/Pla	ster, 1	Coat Primer, Bru	ISN/ROI			171.72
			1	Installation	Quantity		Unit Price 0.18		Factor 1.0600 =	Total 171.72	
					900.00	X ctor 2	Coats Paint, Bru	X sh/Roll		1111,72	343.44
09920	1417		SF	raini init	-	31 0 1, 2		31111011		Total	040.71
			í	Installation	Quantity 900.00	х	Unit Price 0.36	х	Factor 1.0600 =	343.44	
00045	4202		SF				Light Sanding Dr				146.07
09945	1202		٥r	rand vve		, ,,,,,	Unit Price	,	Factor	Total	
			i	Installation	Quantity 1,060.00	х	0.13	X	1.0600 =	146.07	
09945	1822		SF				Existing, > 10 SF				2,613.96
U9943	1022		JF.	5 d. 7 111 d	Quantity		Unit Price		Factor	Total	•
			ı	Installation	600.00	х	4.11	x	1.0600 =	2,613.96	
		/			300,00				Subtotal fo	>= NO	\$7,926.26
									Subtotal it	טט וכ	ψ1,020.20

Section 13

Sect.	ltem	Mod.	UOM	•								Line Total
13910	2001		LF	Bleed Exist	ng Lines Of V	Vater						918.00
					Quantity		Unit Price		Factor		Total	
			1	nstallation	5,000.00	×	0.18	X	1.0200		918.00	
13965	1009		LB	FM200 Gas								9,269.76
					Quantity		Unit Price		Factor		Total	
				nstallation	1,600.00	×	5.68	x	1.0200		9,269.76	
			1	Ntrogen gas, arg	on gas and ca	arbon di	oxide for Ansu	Inerge	n Fire Suppre	ssion S	Sysstem.	
13965	1011		EA	Master Cyli	nder, For FM2	200 Fire	Protection syst	em				27,595.08
					Quantity		Unit Price		Factor		Total	
				nstallation	10.00	x	2,705.40	X	1.0200	=	27,595.08	
			5	572 Cu. Ft. Mast								·
13965	1012		EA	Shuttle Che	ck Valve, For	FM200	Fire Protection	system	1			612.47
					Quantity		Unit Price		Factor		Total	
			i	nstallation	2.00	×	300.23	×	1.0200	=	612.47	
			F	For Ansul Inerge	n Fire Suppre	ssion S	ystem					
13965	1013		EA	Flex Head (Cylinder, For I	FM200 F	ire Protection :	system				3,041.44
,					Quantity		Unit Price		Factor		Total	
			ı	nstallation	10.00	x	298.18	x	1.0200	=	3,041.44	
			F	For Ansul Inerge			vstem					
13965	1014		EA		r FM200 Fire							74.28
10000	1014		_, ,				Unit Price		Factor		Total	
				nstallation	Quantity 1.00	x	72.82	х	1.0200	=	74.28	
				For Ansul Inerge			m	^				
420CE	1015		' EA				e Protection sy	stem				834.16
13965	1015		EA	0,,,,,,					Factor		Total	
			1	Installation	Quantity		Unit Price 81.78	x	1.0200	=.	834.16	
				For Ansul Inerge	10.00	X Speion S		^	1.0200			
	1010						Protection syst	em em				796.60
13965	1016		EA	Solelloid V		001110		5111			Tatal	
				H . R	Quantity		Unit Price		Factor 1.0200	=	Total 796.60	
				nstallation	2.00	X	390.49	Х	1.0200		700.00	
				For Ansul Inerge				tom				273.16
13965	1017		EA	Battery Bac	k-Up, For FM	1200 Fire	e Protection sys	stem				273.10
					Quantity		Unit Price		Factor		Total 273.16	
				Installation	1.00	X	267.80	X	1.0200	-	273.10	
			F	For Ansul Inerge								0.057.40
13965	1019		EΑ	Control Par	nel, Multizone	, For FN	/1200 Fire Prote	ction sy	stem			2,957.18
					Quantity		Unit Price		Factor		Total	
				Installation	1.00	x	2,899.20	X	1.0200		2,957.18	
			,	AUTOPULSE 44	2 Releasing (Control	Panel, 120V-'R	ed for A	nsul Inergen	Fire S	uppression	
				System			1000 F. D. L.	-4:				463.98
13965	1022		EA	Smoke Or	Heat Detector	, For FN	//200 Fire Prote	ction sy	stem			403.50
					Quantity		Unit Price		Factor		Total	
				Installation	4.00	x	113.72	x	1.0200	=	463.98	
			F	For Ansul Inerge								
13965	1024		EA	Pressure S	witch, For FM	1200 Fire	e Protection sys	stem				30.13
					Quantity		Unit Price		Factor		Total	
			l	Installation	0.00	x	124.61	X	1.0200		0.00	
			l	Demolition	1.00	X	29.54	X	1.0200	=	30.13	
			ı	For Ansul Inerge	n Fire Suppre	ession s	ystem					
13965	1025		EA	Alarm Horn	, For FM200	Fire Pro	tection system					229.85
					Quantity		Unit Price		Factor		Total	
			i	Installation	2.00	х	112.67	Х	1.0200	=	229.85	
				For Ansul Inerge			custom					

07 February 2007 Page 8 of 17

13900	1020	EA	r coung, i	OI I WIZOO I WO	, 10100	don oyotom					000.00
			Installation	Quantity 1,00	x	Unit Price 642.71	x	Factor 1,0200	=	Total 655.56	
			For Ansul Iner	gen Fire Suppre	ssion	System					
13965	1027	EA	Abort Sw	itch, For FM200	Fire P	rotection system	1	-			82.67
	,			Quantity		Unit Price		Factor		Total	
			Installation	1.00	х	81.05	X	1.0200	=	82.67	
			For Angul Ingr	gen Fire Suppre		System					
			1 of Allsul mer	gen i ne Suppre	331011	oystem			.1.4.4	-1.642 G	47.004.00
								Si	iptota	al for 13	47,834.32
Section	n 15										
15061	6314	LF	1" (25 mr	n) ASTM A106	Carbor	n Steel Pipe, Sch	edule 4	0, Not Includi	ng Har	gers Or	111.08
			Fittings			U. M. D. Jan		Fastar		Total	
			Installation	Quantity		Unit Price 3.63	22	Factor 1.0200	=	111.08	
			Installation	30.00	X		X	1.0200		111.00	
				gen Fire Suppre							20.07
15061	6331	EA	1" (25 mr	n) 90 Degree El	bow, 3	000# Screwed C	arbon s	steei			30.97
				Quantity		Unit Price		Factor		Total	
			Installation	2.00	Х	15.18	x	1.0200	=	30.97	
				gen Fire Suppre							
15061	6371	EA	1" (25 mr	n) Tee, Straight	, 3000‡	# Screwed Carbo	n Steel				42.39
				Quantity		Unit Price		Factor		Total	
			Installation	2.00	х	20.78	X	1.0200	=	42.39	
				gen Fire Suppre		System					
45004	CAFA	EA				d Carbon Steel					4.70
15061	6454	EA	1 (251111		,0,0,,0			F4		Total	
			Landa Hadiana (Quantity		Unit Price 4.61		Factor 1.0200	=	4.70	
	r		Installation	1.00	X		X	1.0200		4.70	
				gen Fire Suppre					····		14.30
15061	6514	EA	1" (25 mr	n) Union, 3000#	Screw	ved Carbon Stee	ı				
				Quantity		Unit Price		Factor		Total	
			Installation	1.00	X	14.02	x	1.0200	=	14.30	
				gen Fire Suppre							
15063	1103	LF	1/2" Insid	e Diameter (12	mm) C	opper Pipe/Tubi	ng Type	e L			1,481.04
				Quantity		Unit Price		Factor		Total	
			Installation	600.00	х	2.42	x	1.0200	=	1,481.04	
15063	1105	LF	1" Inside		m) Coi	pper Pipe/Tubing	Type l	_			2,582.64
13003	1103	Li			, ,	Unit Price		Factor		Total	
			Installation	Quantity	.,	4.22	x	1.0200	=	2,582.64	
			4 (01) 00 D	600.00 egree Elbow, C	X			1.0200			77.48
15063	2112	EA	172" 90 D	egree Elbow, C	opper						
				Quantity		Unit Price		Factor	***	Total 77.48	
			Installation	12.00	Х	6.33	X	1.0200		77.40	
15063	2114	EA	1" 90 Deg	ree Elbow, Cop	per						148.47
				Quantity		Unit Price		Factor		Total	
			Installation	12.00	X	12.13	x	1.0200	=	148.47	
15063	2133	EA	1/2" 45 D	egree Elbow, C							81.40
10000	2100			-		Unit Price		Factor		Total	
			Installation	Quantity	v	6.65	х	1.0200	=	81.40	
				12.00	X			1.02.00			161.08
15063	2135	EA	1 45 Deg	ree Elbow, Cop	hei					T a - 1	
				Quantity		Unit Price		Factor	_	Total 161.08	
			Installation	12.00	Х	13.16	Х	1.0200		101.00	
15063	2182	EA	3/8" Strai	ght Copper Cou	pling						36.05
				Quantity		Unit Price		Factor		Total	
			Installation	6.00	х	5.89	x	1.0200	=	36.05	
				0.00							

Sect.

13965

ltem

1026

07 February 2007

Mod.

UOM

Description

Testing, For FM200 Fire Protection system

Line Total

Page 9 of 17

655.56

	Item	Mod.	UOM	Descripti								Line Total
15063	2185		EA	1" Straigh	t Copper Coup	ling						68.24
			In	stallation	Quantity 6.00	x	Unit Price 11.15	X	Factor 1.0200	=	Total 68.24	
15064	6512		LF	3/4" Pipe	Schedule 80 P	VC			1			620.77
					Quantity		Unit Price		Factor		Total	
			!n	stallation	340.00	x	1.79	X	1.0200	=	620.77	
15094	1114		EA	3" Steel C	levis Hanger T	ype 1						221.54
					Quantity		Unit Price		Factor		Total	
			In	stallation	24.00	Х	9.05	х	1.0200	=	221.54	
15094	4111		LF	3/8" Diam	eter Continuou	s Threa	ded Rod, Plain	Steel, Br	ight Finish			416.16
					Quantity		Unit Price		Factor		Total	
			In	stallation	400.00	Х	1.02	х	1.0200	=	416.16	
15094	4131		EA	3/8" Wash	ier, Flat							4.41
					Quantity		Unit Price		Factor		Total	
			<u>In</u>	stallation	24.00	Х	0.18	X	1.0200	=	4.41	
15094	4151		EA	3/8" Nut, I	Hex							5.63
					Quantity		Unit Price		Factor		Total	
				stallation	24.00	X	0.23	X	1.0200	=	5.63	
15094	9103		LF	1"x 1" x 1/	8" Angle Iron							35.09
					Quantity		Unit Price		Factor		Total	
			In	stallation	16.00	Х	2.15	х	1.0200	=	35.09	
15106	1102		EA	1/2" Refrig	eration Ball Va	ilve, Sw	eated					32.99
					Quantity		Unit Price		Factor		Total	
			ln	stallation	2.00	X	16.17	X	1.0200		32.99	
15161	4605		EA	2500-3400	0# Rated Load	Open Is	olator, Double	Spring T	ype Vibration	Isolator		1,106.99
					Quantity		Unit Price		Factor		Total	
			ln	stallation	12.00	X	90.44	×	1.0200	=	1,106.99	
15189	1003		SF	1" Thick F	oam Rubber S	heet Ins	ulation					6,854.40
					Quantity		Unit Price		Factor		Total	
		,	In	stallation	800.00	x	8.40	X	1.0200		6,854.40	
15699	1103		EA	1/2" Outsi Connectio	n	ght Glas	ss With Moistur	e And Li		r, Solder	7.1.1	59.63
			· In	stallation	Quantity		Unit Price 29.23		Factor 1.0200	=	Total 59.63	
					2.00	X CL Co		X				115.36
15699	1244		EA	ı/∠ IN-IIN€		oi, se	aled In-line Rep	,,aocabit			Talal	110.00
			In	stallation	Quantity		Unit Price 56.55	v	Factor 1.0200	52	Total 115.36	
45000	4050				2.00	X Solder	r Outside Diame	X eter Pipe			, , 5.55	56.85
15699	1353		EA	IIQ F-IId		, Joidel		i po			Total	55.60
			in	stallation	Quantity 2.00	v	Unit Price 27.87	x	Factor 1.0200	=	56.85	
15773	1004		EA	10 Ton Air	Cooled Comp	x uter Ro	om Air Conditio					40,315.97
				Remote C	ondenser Quantity		Unit Price		Factor		Total	
			ln	stallation	2.00	Х	19,762.73	x	1.0200	=	40,315.97	
			Da	ata Temp DX	series split sys	t. 5 ton						
									Sı	btotal	for 15 \$	54,685.63
Section	n 16											
16101	1003		EA	Lock Out/	Γag Out Circuit	Breake	r .		. *			848.95
.5.51	1000		1		Quantity		Unit Price		Factor		Total	
			In	stallation	70.00	х	11.89	X	1.0200	=	848.95	
16102	3001		LF				Remain In Place	ce, In Ex	isting Condui	t		1,142.40
				. •							Total	
					Quantity		Unit Price		Factor		Total	

Page 10 of 17

Sect.	Item	Mod.	UOM	Descript	ion						Line Total
16120	1225		MLF	#8 AWG	Cable - XLP (X	iHW)	, 600 V, Single S	tranded,	Placed In Conduit		1,447.83
			ins	tallation	Quantity 2.00	х	Unit Price 709.72	х	Factor 1.0200 =	Total 1,447.83	
16120	1566		MLF	#4 AWG	Cable - Type Th	HN-1	HWN 600 V Cop	per, Sin	gle Stranded, Placed In	Conduit	1,462.21
					Quantity		Unit Price		Factor	Total	
			Ins	tallation	2.00	Х	716.77	X	1.0200 =	1,462.21	
16120	1571		MLF	#1/0 AW0	G Cable - Type	THHN	-THWN 600 V C	opper, S	ingle Stranded, Placed	ın	3,370.73
					Quantity		Unit Price		Factor	Total	
				tallation	2.20	X	1,502.11	х С	1.0200 =	3,370.73	4 4 0 4 0 0
16120	1572		MLF	#2/0 AVV	5 Cable - Type	IHHN	-1HV/N 600 V C	opper, S	ingle Stranded, Placed	161	4,161.09
			1		Quantity		Unit Price		Factor	Total	
				tallation	2.00	X	2,039.75	X nnor Si	1.0200 = ngle Stranded, Placed In	4,161.09	
16120	1578		MLF	Conduit	Cable - Type T	-ווווו	I HAMA OOO A CO	pper, on		1	5,347.44
			lma		Quantity		Unit Price		Factor	Total 5,347.44	
40400	4504			tallation	1.20	X	4,368.82	X nner Sir	1.0200 = ngle Stranded, Placed II		59,216.88
16120	1581		MLF	Conduit	Cable - Type T	111114-		pper, on	ngie otranicca, r iacea n		39,210.00
			Inc	tallation	Quantity		Unit Price 8,293.68		Factor 1.0200 =	Total 59,216.88	
16120	8212		MLF			t Cab		x e For H\	/AC System Controls	00,210.00	1,022.45
10120	0212		MILL	0,0 11 10 0		it Oub	Unit Price		Factor	Total	1,022.40
			Inst	allation	Quantity 2.00	х	501.20	x	1.0200 =	1,022.45	
			HV	AC wire							· · · · · · · · · · · · · · · · · · ·
16120	8306		CLF	Red Teflo	n 10-Pair #18 G	auge	, Twisted Shielde	d Solid (CU		385.03
					Quantity		Unit Price		Factor	Total	
				allation	2.00	Х	188.74	X	1.0200 =	385.03	
16121	2815		EA FIRE	alarm wire		ssion	Connection For E	Bare Alu	minum Wire		3,001.66
10121	2013		EA	400 101010	Quantity	00,01,	Unit Price		Factor	Total	0,001.00
			Inst	allation	40.00	х	73.57	х	1.0200 =	3,001.66	
16121	2816	· · · · · · · · · · · · · · · · · · ·	EA	500 MCM	Crimp Compre	ssion	Connection For E	Bare Alui	minum Wire		3,388.85
					Quantity		Unit Price		Factor	Total	
			Inst	allation	40.00	х	83.06	X	1.0200 =	3,388.85	
16131	1641		EA	4" Expans	sion Fitting With	Bond		S PVC	Coated, Urethane Lined		8,106.39
			Inci	allation	Quantity		Unit Price 993.43		Factor 1.0200 =	Total 8,106.39	
10101	4004	· · · · · · · · · · · · · · · · · · ·		allation	8.00 out Hubs, STTB	X	990.40	X	1.0200	0,100.00	3,020.46
16131	1681		EA	4 KIIOCK			Linit Dries		Factor	Total	3,020.40
			Inst	allation	Quantity 12.00	x	Unit Price 246.77	x	1.0200 =	3,020.46	
16131	1681		PCT		ation Above 14'		m), Add				36.72
			,		Quantity		Unit Price		Factor	Total	
			Inst	allation	12.00	х	3.00	х	1.0200 =	36.72	
16131	1681		PCT	For Work	In Restricted W	orking	Space, Add				73.44
	•				Quantity		Unit Price		Factor	Total	
				allation	12.00	X	6.00	X	1.0200 =	73.44	4.040.64
16131	2121		LF	KGS 4" C		ıpııng,	Mounted Expos	eu On Fl		٣-4-1	4,010.64
			Inet	allation	Quantity	×	Unit Price 19.66	x	Factor 1.0200 =	Total 4,010.64	
16131	2121		PCT		200.00 In Restricted W				1.0200	,	373.32
10131	Z Z		101		Quantity	2	Unit Price		Factor	Total	
•			Inst	allation	200.00	х	1.83	х	1.0200 =	373.32	
											<u>-</u>

Page 11 of 17

Line To					Description	UOM	Mod.	ltem	Sect.
18			' (4.3 m), Add	n Above 14'	For Installa	PCT		2121	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 185.64	x 1.0200		x 0.91	200.00	tallation	Ins			
Wall 2,80	Flat Wall	On Flat	v, Mounted Exposed O	egree Elbow	RGS 4" 90	. EA		2141	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 2,804.18	x 1.0200	х	x 114.55	24.00	tallation	Ins			
29			Vorking Space, Add	Restricted W	For Work I	PCT		2141	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 293.76	x 1.0200	х	x 12.00	24.00	tallation	Ins			
14			' (4.3 m), Add	n Above 14'	For Installa	PCT		2141	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 146.88			x 6.00	24.00	tallation	Ins			
Exposed On Flat Wall 33	inted Exposed On FI	ounted	Set With Locknuts, Mo	ic Bushing S	RGS 4" Pl	EA		2161	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 335.62	x 1.0200	х	x 41.13	8.00	tallation	Ins			
6			Vorking Space, Add	Restricted W	For Work I	PCT		2161	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 66.75	x 1.0200	х	x 8.18	8.00	tallation	Ins			
3			' (4.3 m), Add	n Above 14'	For Installa	PCT		2161	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 33.37	x 1.0200	х	x 4.09	8.00	tallation	Ins			
n Flat Wall 4,59	sed On Flat Wall	osed (oupling, Mounted Exp	duit With Co	3/4" EMT (LF		2612	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 4,590.00	x 1.0200	х	x 1.80	2,500.00	tallation	Ins			
Flat Wall 5,28	ed On Flat Wall	sed Or	upling, Mounted Expos	uit With Cou	1" EMT Co	LF	***************************************	2613	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 5,283.60	x 1.0200	x	x 2.59	2,000.00	tallation	Ins			
Flat Wall 5,28	ed On Flat Wall	sed Or	upling, Mounted Expos	uit With Cou	1" EMT Co	LF		2613	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 5,283.60	x 1.0200	х	x 2.59	2,000.00	tallation	ins			
Flat Wall 16,37	ed On Flat Wall	sed Or	upling, Mounted Expos	uit With Cou	4" EMT Co	LF	.,	2621	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 16,377.12	x 1.0200	х	x 13.38	1,200.00	tallation	Ins			
2,33			orking Space, Add	testricted W	For Work I	PCT		2621	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 2,337.84	x 1.0200	X	x 1.91	1,200.00	tallation	Ins			
1,16			' (4.3 m), Add	n Above 14'	For Installa	PCT		2621	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 1,162.80			x 0.95	1,200.00	tallation	Ins			
Flat Wall	ed On Flat Wall	sed Or	upling, Mounted Expos	uit With Cou	4" EMT Co	LF		2621	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 0.00	x 1.0200	х	x 13.38	0.00	tallation	Ins			
Wall 94	Flat Wall	n Flat	, Mounted Exposed O	gree Elbow,	4" EMT 90	EA		2641	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 942.24	x 1.0200	х	x 51.32	18.00	tallation	Ins			
6			/orking Space, Add	estricted Wo	For Work I	PCT		2641	16131
Factor Total	Factor		Unit Price	Quantity					
1.0200 = 68.12	x 1.0200	х	x 3.71	18.00	allation	Ins			
3			' (4.3 m), Add	Above 14'	For Installa	PCT		2641	16131
Factor Total			Unit Price	Quantity					
1.0200 = 33.97	x 1.0200	X	x 1.85	18.00	allation	Ins			

Sect.	ltem	Mod.	UOM	Descripti	on						L	ine Total
16131	2652		EA	3/4" EMT	Set Screw Cou	ıpling, N	Nounted Expose	d On Fl	at Wall			535.50
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	250.00	Х	2.10	Х	1.0200	=	535.50	
16131	2653		EΑ	1" EMT S	et Screw Coupl	ing, Mo	unted Exposed	On Flat	Wall	٠		5.39
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	2.00	Х	2.64	Х	1.0200		5.39	
16131	2653		EA	1" EMT S	et Screw Coupl	ing, Mo	unted Exposed	On Flat	Wall			161.57
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	60.00	Х	2.64	Х	1.0200		161.57	
16131	2661		EA	4" EMT S	et Screw Coupl	ing, Mo	unted Exposed	On Flat	Wall			1,832.94
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	100.00	Х	17.97	Х	1.0200	=	1,832.94	
16131	2661		PCT	For Work	In Restricted V	Vorking	Space, Add					313.14
					Quantity		Unit Price		Factor		Total	
	•		Ins	tallation	100.00	Х	3.07	Х	1.0200	=	313.14	
16131	2661		PCT	For Install	lation Above 14	' (4.3 m	ı), Add					157.08
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	100.00	Х	1.54	х	1.0200	=	157.08	
16131	2681		EΑ	4" EMT C	ompression Co	nnector	, Mounted Expo	sed On	Flat Wall			355.43
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	14.00	X	24.89	Х	1.0200	=	355.43	
16131	2681		PCT	For Work	In Restricted V	Vorking	Space, Add					42.27
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	14.00	X	2.96	x	1,0200	=	42.27	
16131	2681		PCT	For Install	lation Above 14	' (4.3 m	ı), Add					21.13
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	14.00	X	1.48	Х	1.0200	=	21.13	
16131	2692		EA	3/4" EMT	Box Connector	With S	et Screw					1,850.69
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	720.00	х	2.52	х	1.0200	=	1,850.69	
16131	4151		LF	4" PVC S	chedule 40 Cor	nduit Wi	th Coupling, Dir	ect Bur	al, Glued Cou	pling		4,822.56
					Quantity		Unit Price		Factor		Total	
			lns	tallation	800.00	X	5.91	X	1.0200	=	4,822.56	
16131	4151		LF	4" PVC S	chedule 40 Cor	nduit Wi	th Coupling, Dir	ect Bur	al, Glued Cou	pling	*	4,822.56
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	800.00	X	5.91	x	1.0200	=	4,822.56	
16131	4261		EA	4" PVC TI			Burial, Concrete	Encase	ed-Only			470.83
10101	4201		L-/ ,		Quantity		Unit Price		Factor		Total	
			Ins	tallation	16.00	X	28.85	х	1.0200	=	470.83	
16131	4261		EA	4" PVC TI			Burial, Concrete	Encase	ed-Only			470.83
10101	1201		_, \		Quantity		Unit Price		Factor		Total	
			Ins	tallation	16.00	х	28.85	Х	1.0200	=	470.83	
16131	4527		EA				ect Burial In Co	ncrete S	Slab Or Duct E	Bank		456.39
10131	4327		LA				Unit Price		Factor		Total	
			Ins	tallation	Quantity 8.00	x	55.93	х	1.0200	=	456.39	
16124	0442		LF		d Tight Flex Co				.,,			210.12
16131	8113		LF	ora Liquit	-		Hall Dalas		Factor		Total	
4			Ine	tallation	Quantity	v	Unit Price 2.06	x	1.0200	=	210.12	
40401	0400				100.00 th Connector	X			1.0200			50.69
16131	8133		EA	JI JII JII JI	•		11-27-D-1-		Factor		Total	
			lno	tallation	Quantity	.,	Unit Price 4.97	v	Factor 1.0200	=	50.69	
			ins	tanativii	10.00	X	7.01	X	1.0200			

Sect.	Item	Mod.	UOM	Descripti	on						1	_ine Total
16131	8214		LF	1" Flexible	e Metallic Cond	uit	· · · · · · · · · · · · · · · · · · ·					799.68
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	400.00	Χ.	1.96	X	1.0200	=	799.68	
16131	8234		EA	1" Flexible	e Straight Conn	ectors, F	Plain					217.87
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	40.00	Х	5.34	х	1.0200	=	217.87	
16134	1101		EA	4" Square	Steel Box X 1-	1/2" Dee	p					506.74
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	60.00	Х	8.28	Х	1.0200	=	506.74	
16134	1104		EA	4" Square	Steel Blank Co	ver						181.15
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	60.00	X	2.96	x	1.0200	=	181.15	
16134	7313		EA	8"x8"x6" (Cast Iron Pull Bo	ox With	Cover					1,955.34
					Quantity		Unit Price		Factor		Total	
			Ins	tallation	20.00	x	95.85	x	1.0200	=	1,955.34	
16135	3117		EA	36"x36"x1	2" NEMA 3R B	ox, With	Hinged Cover					2,287.57
	~···		•		Quantity		Unit Price		Factor		Total	
			Ins	tallation	4.00	х	560.68	х	1.0200	=	2,287.57	
16135	5402		EA	NEMA 3R	, 800 A Breake		ure					10,758.76
10133	3402		LA				Unit Price		Factor		Total	
			Ins	tallation	Quantity 4.00	X	2,636.95	x	1.0200	=	10,758.76	
40440	4000		EA		FI, Duplex Rec				1.0200		· · · · · · · · · · · · · · · · · · ·	22.30
16140	1282		EA	20 Amp G		ергаске			P* 4		Total	22.00
			lna	tallation	Quantity		Unit Price 21.86		Factor 1.0200	=	Total 22.30	
					1.00 roof Covers, Or	X		X Pose				43.72
16140	4201		EA	Aluminum		ie Gang	, vertical Duple	X Nece	placie ivole.	leavy	0431	45.72
				, ua.,	Quantity		Unit Price		Factor		Total	
			Ins	tallation	2.00	X	21.43	Х	1.0200		43.72	
16155	4135		EA		ion Starter, Size	4, NEN	1A 12 With Dis	connect	Switch, Reve	ersing	, 240 - 600	10,901.88
				V, 3 Phas	e Quantity		Unit Price		Factor		Total	
			Ins	tallation	2.00	х	5,344.06	х	1.0200	= "	10,901.88	
16190	1321	· · · · · · · · · · · · · · · · · · ·	EA	Two Hole	Steel Conduit S							29.99
10130	1021		ш, ч		Quantity	• •	Unit Price		Factor		Total	
			Ins	tallation	20.00	x	1.47	х	1.0200	=	29.99	
 16190	1321		PCT		In Restricted W		Space, Add					3.88
10130	1021		101			Ü	Unit Price		Factor		Total	
			Ins	tallation	Quantity 20.00	x	0.19	x	1.0200		3.88	
16100	1321		EA		ation In Concre		des Drilling An					20.60
16190	1321		LA			,	Unit Price	·	Factor		Total	
			Ins	tallation	Quantity 20.00	x	1.01	x	1.0200	=	20.60	
16100	2212		EA		duit Clamps, P1		n					525.30
16190	2212		EA			121, 0			Factor		Total	
			Ine	tallation	Quantity 250.00	x	Unit Price 2.06	x	1.0200	=	525.30	
10100					duit Clamps, P1				1.0200			487.56
16190	2213		EA	LIVIT COIN		420, 1			Factor		Total	
			Ine	tallation	Quantity		Unit Price 2.39	х	1.0200	= "	487.56	
10105	0001				200.00 Conduit Hangers	X 11240			1,0200			1,806.62
16190	2321		EA	а туре С	-	a, U1240			- 1		Total	.,555.02
			1 m = -	tallation	Quantity		Unit Price 9.84		Factor 1.0200	=	1,806.62	
				tallation	180.00	X Iorkina S		Х	1.0200		1,000.02	209.30
16190	2321		PCT	ror vvork	In Restricted W	orking S					T_1 _1	203.30
					Quantity		Unit Price		Factor	=	Total 209.30	
			ins	tallation	180.00	Х	1.14	X	1.0200		200.30	

Page 14 of 17

Sect.	ltem	Mod.	UOM	Descripti					P3 1 1 4 PF1 1 1			Line Total
16190	5113		LF	5/8" Diam	eter Continuou	s Thre	aded Rod, Plain	Steel,	Bright Finish			2,399.04
			lne	stallation	Quantity		Unit Price 1.96		Factor 1.0200	=	Total 2,399.04	
16100	E112		PCT		1,200.00 nized, Add	Х	1.00	X	1,0200		2,000.0	746.64
16190	5113		PCI	1 Of Galva	•		Limit Drine		Factor		Total	1 70.0
			Ins	stallation	Quantity 1,200.00	x	Unit Price 0.61	x	1.0200	=	746.64	
16190	5132		EA	1/2" Wasi					1.0200	-v i-w		185.64
10190	5132		LA				Unit Price		Factor		Total	
			Ins	stallation	Quantity 700.00	x	0.26	х	1.0200	=	185.64	
16190	5132		PCT	For Galva	nized, Add							14.28
, , , , , ,					Quantity		Unit Price		Factor		Total	
			Ins	stallation	700.00	х	0.02	×	1.0200	=	14.28	
16190	5153		EA	5/8" Nut, I	Hex							195.84
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	600.00	х	0.32	х	1.0200	=	195.84	,
16190	5153		PCT	For Galva	nized, Add							18.36
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	600.00	х	0.03	х	1.0200	=	18.36	
16190	5233		EA	Beam Cla	mp #21, Size 4	1 (For 5	5/8" Bolt)					2,277.15
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	250.00	х	8.93	. x	1.0200		2,277.15	
16251	3006		EA				ch, 600 V, 3 Pha	ise, NE	EMA 1, 4 Pole C	Circuit Br	eaker,	9,736.94
				Programn	nable, 3 Or 4 W Quantity	/ire	Unit Price		Factor		Total	
			Ins	stallation	1.00	x	9,546.02	×	1.0200	=	9,736.94	
16251	3007		EA		tomatic Transf		ch, 600 V, 3 Pha	se, NE	MA 1, 4 Pole C	ircuit Br	eaker,	11,241.12
				Programn	nable, 3 Or 4 W	/ire	Halt Dries		Factor		Total	
			Ins	stallation	Quantity 1.00	х	Unit Price 11,020.71	х	1.0200	=	11,241.12	
16251	4001		EA		y Relay Auto 1							97.37
10231	4001				Quantity		Unit Price		Factor		Total	
			Ins	stallation	1.00	x	95.46	х	1.0200	=	97.37	
16251	4002	<u> </u>	EA	Under Vol	tage Relay Aut		sfer Switch			10,7		228.15
.020.	1002				Quantity		Unit Price		Factor		Total	
			Ins	stallation	1.00	х	223.68	x	1.0200	=	228.15	
16251	4003		EA	Over Volta	age Relay Auto		fer Switch					228.15
					Quantity		Unit Price		Factor		Total	
			ins	stallation	1.00	x	223.68	x	1.0200	=	228.15	
16251	4004		EA	Test Push	Button Auto T	ransfer	Switch					143.15
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	1.00	х	140.34	х	1.0200	=	143.15	
16251	4005		EA	Four Posi	tion Selector S	witch A	uto Transfer Sw	itch				253.90
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	1.00	Х	248.92	Х	1.0200	=	253.90	
16251	4008		EA	Auxiliary C	Contacts Auto	ransfe	r Switch					207.22
					Quantity		Unit Price		Factor		Total	
			Ins	stallation	1.00	Х	203.16	X	1.0200	=	207.22	
16251	4009		EA	Voltmeter	And Ammeter	Auto T	ransfer Switch					550.46
				al t	Quantity		Unit Price		Factor	_	Total	
			Ins	tallation	1.00	Х	539.67	Х	1.0200		550.46	
16251	4011		EA	Frequency	Meter Auto Ti	ansfer	Switch		•			485.79
					Quantity		Unit Price		Factor	_	Total 485.79	
			Ins	tallation	1.00	X	476.26	X	1.0200	-	465.79	

Page 15 of 17

Sect.	Item	Mod.	UOM	Descript							Line Total
16251	4012		EA	Running	Time Meter Aut	o Transf	er Switch				457.01
					Quantity		Unit Price		Factor	Total	
				stallation	1.00	X	448.05	×	1.0200 =	457.01	457.04
16251	4012		EA	Running	Time Meter Aut	o Iranst	er Switch				457.01
			ln	stallation	Quantity		Unit Price 448.05		Factor 1.0200 =	Totai 457.01	
					1.00	X		X Phoso (60 Hz, General Purpose,		12.050.27
16330	2606		EA	225 KVA,		277 V, I		mase, t			12,030.27
			lm.	stallation	Quantity		Unit Price 11,813.99		Factor	Total 12,050.27	
					1.00	X	<u>·</u>	X	1.0200 =	12,000.21	052.24
16330	2701		EA	3 Phase I	viounting Brack	ets (Set	Of 2) For Han	sionnei	rs Up To 112.5 KVA		952.24
			Local	-1-11-12	Quantity		Unit Price		Factor	Total 952.24	
				stallation	3.00	X	311.19		1.0200 =	332.24	0.070.00
16330	2962		EA	30 KVA, 4	480 V - 208 Y /	120 V I	ransformer, 3 F	nase, t	00 HZ, KZU		3,070.26
					Quantity		Unit Price		Factor	Total	
			In:	stallation	1.00	х	3,010.06	X	1.0200 =	3,070.26	
16470	8105		EA		Amp, Type LBB	, 3 Pole	Circuit Breake	Panel	Mounted, WRI, 600 V, N	loided	3,192.09
				Case	Quantity		Unit Price		Factor	Total	
			Ins	stallation	2.00	x	1,564.75	x	1.0200 =	3,192.09	
16470	8106		EA	300-600 /	Amp, Type LC,	3 Pole C	Circuit Breaker	Panel M	Nounted, WRI, 600 V, Mo	olded	10,786.44
				Case	0		Livit Drice		Factor	Total	
			ins	stallation	Quantity	x	Unit Price 1,762.49	x	1.0200 =	10,786.44	
10170	0407		·		6.00				Mounted, WRI, 600 V, N		12,513,26
16470	8107		EA	Case	Anth, Type No	, 57 016	Official Breaker	1 diloi	Mountou, With 500 T, II		12,010.20
					Quantity		Unit Price		Factor	Total	
			Ins	stallation	6.00	X	2,044.65	X	1.0200 =		
16471	1116		EA			ity, 120/	240 V, 3 Wire,	1 Phase	e, Panelboard, Main Lug	s,	1,525.92
			•	Unassem	Quantity		Unit Price		Factor	Total	
			Ins	stallation	1.00	x	1,496.00	х	1.0200 =	1,525.92	
16471	1117	'	EA	1200 A - 4	42 Circuit Capa	city, 120)/240 V, 3 Wire	, 1 Pha	se, Panelboard, Main Lu	gs,	2,075.07
				Unassem			Unit Price		Factor	Total	
			ins	stallation	Quantity 1.00	х	2,034.38	χ.	_	2,075.07	
16471	1482		EA				480 V, 4 Wire,		e Panelboard, Main Brea	ker,	1,295.26
10471	1402		L.A	Unassem	bled, 100000 A	mp Inter	rupting Capaci	ty			•
			la.	-4-11-4:	Quantity		Unit Price		Factor	Total 1,295.26	
				stallation	1.00		1,269.86				7.706.43
16471	1494		EA	1200 A - 4	42 Circuit Capa bled, 100000 A	city, 277 mp Inter	7480 V, 4 vvire	, 3 Pha tv	se Panelboard, Main Bre	akei,	7,706.43
				Olidasciii	Quantity	mp mo	Unit Price	-,	Factor	Total	
			Ins	stallation	1.00	x	7,555.32	Х	1.0200 =	7,706.43	
16471	4132		EA		20/240 Volt, 70-	100 A, E	Branch Circuit E	Breaker	, 10,000 Amp Interruptin	g	0.00
				Capacity	Quantity		Unit Price		Factor	Total	
			Ins	stallation	0.00	х	138.07	х	1.0200 =	0.00	
16471	4132		PCT	For Bolt-C			-				116.33
10-771	4102				Quantity		Unit Price		Factor	Total	
			Ins	stallation	5.00	х	22.81	x	1.0200 =	116.33	
16471	4834		EA				nch Circuit Brea		2,000 Amp Interrupting C	apacity	11,305.44
10-71	7007		_F1	. ,		,	Unit Price		Factor	Total	
			lns	stallation	Quantity 4.00	x	2,770.94	x	1.0200 =	11,305.44	
16471	1831		PCT	For Bolt-C							1,448.28
16471	4834		PU1	1 Of DOIG			Unit Drine		Factor	Total	,
			lne	stallation	Quantity	v	Unit Price - 354.97	х	1.0200 =	1,448.28	
10171	40.44				4.00 4.00 A	X Branch			00 Amp Interrupting Cap		8,881.43
16471	4941		EA	i FUIC, 40		, Dialicí		, 55,5		Total	5,551.10
			le -	stallation	Quantity		Unit Price 140.44	.,	Factor 1.0200 =	8,881.43	
			រោទ	stallation	62.00	Х	140.44	Х	1.0200	0,001,70	

Page 16 of 17

Sect.	Item	Mod.	UOM	Description	on						Line Total
16471	4941		PCT	For Bolt-O	n, Add	•			· · · · · · · · · · · · · · · · · · ·		1,250.2
			Ins	tallation	Quantity 62.00	X	Unit Price 19.77	x	Factor 1.0200 =	Total 1,250.25	
16471	4964		EA	3 Pole, 48	0 Volt, 150-225	A, Bra	nch Circuit Brea	aker, 65	000 Amp Interrupting	Capacity	27,808.06
			Ins	stallation	Quantity 8.00	x	Unit Price 3,407.85	x	Factor 1.0200 =	Total 27,808.06	
16471	4964		PCT	For Bolt-O	n, Add						3,546.17
			lns	tallation	Quantity 8.00	×	Unit Price 434.58	x	Factor 1.0200 =	Total 3,546.17	
16471	5941		EA .	800 Amp, Max Break		Breaker	Mounted Space	e, 600 V	, 3 Phase, Main Break	er, 600 A	6,832.87
			Ins	tallation	Quantity 1.00	x	Unit Price 6,698.89	х	Factor 1.0200 =	Total 6,832.87	
16510	1342		EA	2' x 4' Lay- ballast.	In/Troffer Prisr	natic Le	ens Fluorescent	Fixture	(3T8) Note: With elec	ctronic	82.68
					Quantity		Unit Price		Factor	Total	
				tallation molition	0.00 6.00	X X	96.09 13.51	x x	1.0200 = 1.0200 =	0.00 82.68	
		***************************************	***************************************						Subtotal	for 16 \$3	34,061.33
Section	CALL POST OF A STREET ON GRANDS		COMMON ASSESSMENT PROMETOR	AND CHOOSTON FRAN	Marie Control of the	a Saran Sa Contactor Maria				Cavication and the control of the co	i de la constitución de la const
18000	2017	TAPA	ea _l .	Dumpster	d Quantity	es er j	Unit Price		Factor	Total	4,085.40
	k _{ab} yrtika		k Ins	tallation	4.5.00	X	817.08	X	1,0000,=	4,085,40	
									Subtotal	for 18	\$4,085.40

Contractor Proposal Review Total

\$809,873.19

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

Page 17 of 17

DATE February 07, 2007	GC 06 - SBE Estin	nate
Job# 06645 Loc# 108	CJC Bldg A, Administration, 3228 Gun Club Road PBSO Admin - UPS	
SUBMITTED BY	HA Contracting Corp. 9500 NW 12th Street Miami, FL 33172	Contract: R-2005-0540 Awarded: 03/15/2005

Proposal Value:

2/7/2007

\$ 809,873.19

Contractor/Sub-Contractor	Trade	SBE Status	SBE\$	% of Job
Global Comm.		SBE-Non MWBE	499,180.53	499,180.53
Sean Brown Air Conditioning Inc.		SBE-Non MWBE	52,382.00	52,382.00

Total estimate SBE participation 2

100%

0%

Estimated Participation

Page 1 of 1

68.10%

Budget Availability Statement

REQUEST DATE: February 07, 2007	REQUESTED B	Y: Andre Gonzalez	rnor	ЧЕ#: (301 <i>) 233-2</i> 037	
PROJECT TITLE: PBSO Admin - UPS		J	Project No: 0664	45	
LOCATION #: 108					
LOCATION DESCRIPTION: CJC Bldg				D	
ORIGINAL CONTRACT/ANNUAL AMO	OUNT:		LUTION # / DAT		
		R-2005-054	40 dated 03/15/	2005	
CSA/LOA/CHANGE ORDER AMOUNT:					
CSA/LOA/CHANGE ORDER NUMBER:					
CONTRACTOR/CONSULTANT NAME:	HA Contracting Cor	rp.			
PROVIDE A BRIEF STATEMENT OF THE CONSULTANT/CONTRACTOR:	HE SCOPE OF SERV	VICES TO BE PROV	VIDED BY THE	•	
Provide Labor and materials to install 600 WILL THIS AMENDMENT CHANGE THE		•		ions	
IF YES, PROVIDE ESTIMATES OF THE	NEW COSTS:				
CONSTRUCTION	809,873.19				
ARCHITECT/ENGINEER	12,148.10	1.5% WORK ORDER	AMOUNT FOR TGG	FEE	
*STAFF COSTS	18,195.69				
EQUIPMENT/OTHER	0.00				
CONTINGENCY	40,493.66				
TOTAL:	\$880,710.64				
* By signing this BAS your department agr BAS by FD&O. Unless there is a change in	ees to these staff con the scope of work,	osts and your accou no additional staff o	nt will be charge charges will be b	d upon receipt of thilled.	าis
BUDGET ACCOUNT NUMBERS (IDENT	IFY ALL SOURCES	s): FUNDING SOU	RCE (CHECK A	LL THAT APPLY)
3804-411-B407-50-4907] FEDERAL/DA	VIS BACON	
		\triangleright	AD VALOREN	M.	
			OTHER		
SUPPLEMENTAL AGREEMENT TO BE A	APPROVED BY:	BCC (WO >	\$100,000)		
ANTICIPATED DATE OF APPROVAL:AS	SAP				
BAS APPROVED BY: See BA	s attached		DATE:	2/7/07	
ENCUMBRANCE NUMBER:					

ATTACHMENT #5

Budget Availability Statement REQUEST DATE: January 24, 2007 PHONE#: (561) 233-2037 REQUESTED BY: Andre Gonzalez PROJECT TITLE: PBSO Admin - UPS Project No: 06645 **LOCATION #: 108** LOCATION DESCRIPTION: CJC Bldg A, Administration, 3228 Gun Club Road ORIGINAL CONTRACT/ANNUAL AMOUNT: BCC RESOLUTION # / DATE: R-2005-0540 dated 03/15/2005 CSA/LOA/CHANGE ORDER AMOUNT: CSA/LOA/CHANGE ORDER NUMBER: Work Order #: 01-25-77 1:56 RC/7 CONTRACTOR/CONSULTANT NAME: HA Contracting Corp. PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR: Provide Labor and materials to install 600 KVA UPS Provided by Palm Beach County As per Gartek Specifications WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT? IF YES, PROVIDE ESTIMATES OF THE NEW COSTS: CONSTRUCTION 771,938.56 ARCHITECT/ENGINEER 11,579.08 1.5% WORK ORDER AMOUNT FOR TGG FEE *STAFF COSTS 20,000.00 **EQUIPMENT/OTHER** 0.00 CONTINGENCY 77,193.00 TOTAL: 880,710.64 * By signing this BAS your department agrees to these staff costs and your account will be charged upon receipt of this BAS BUDGET ACCOUNT NUMBERS (IDENTIFY ALL SOURCES): FUNDING SOURCE (CHECK ALL THAT APPLY)

FEDERAL/DAVIS BACON 3804-411-13407-50-4907 SUPPLEMENTAL AGREEMENT TO BE APPROVED BY: ANTICIPATED DATE OF APPROVAL:ASAP DATE: BAS APPROVED BY: 2060 **ENCUMBRANCE NUMBER:**

by FD&O. Unless there is a change in the scope of work, no additional staff charges will be billed.

