PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: April 15, 2008

[x] Consent [] Ordinance [] Regular [] Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: JOC Work Order No. 08-026 with H.A. Contracting Corp., (R2007-0944) in the amount of \$239,956.05 to provide construction of a 30' by 80' metal building on the SW corner of the Mounts Agriculture Complex in West Palm Beach.

Summary: The work consists of the design and installation of a 2400 sf maintenance building including an 8' concrete work pad around the building, electrical, interior lighting, and an air-conditioned break room, to meet all building code requirements. The SBE goals are 15%. The SBE participation in this work order is 32.34%. When the participation for this work order is added to H.A.'s total participation-to-date, the resulting values are 18.9%. The total construction duration is 180 days. This work will comply with all applicable local, state, and federal codes and regulations. (FD&O Admin) Countywide/District 6 (JM)

Background & Justification: The Agriculture Center has a need for storage space for grounds equipment and a break area for their grounds workers. This building will provide for these needs.

Attachments:

- 1. Location Map
- 2. Work Order
- 3. Contractor's Cost Proposal
- 4. SBE Estimate Report
- 5. Budget Availability Statement

Recommended by:	Ammy Worf	3/25/08	
-	Department Director		
Approved by:	Founty Administrator		

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Year	2008	2009	2010	2011	2012
Capital Expenditures	\$249,998.21	. 0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match (County)	0	0	0	0	0
NET FISCAL IMPACT	\$249,998.2	1 0	0	0	0
# Additional FTE					
Positions (Cumulative)	_		-	-	
Is Item Included in Current B	udget?Yes _>	<u>(</u> No	_		

Budget Account No: 3900-101-AG12-6502

Reporting Category _____

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

Construction \$ 239,950 ipma 82 0,442 J 249, 998. 21 31-08 C. Departmental Fiscal Review:

III. REVIEW COMMENTS

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

OF

4)7/08 ontract Dev. and Control

This item complies with current

County policies.

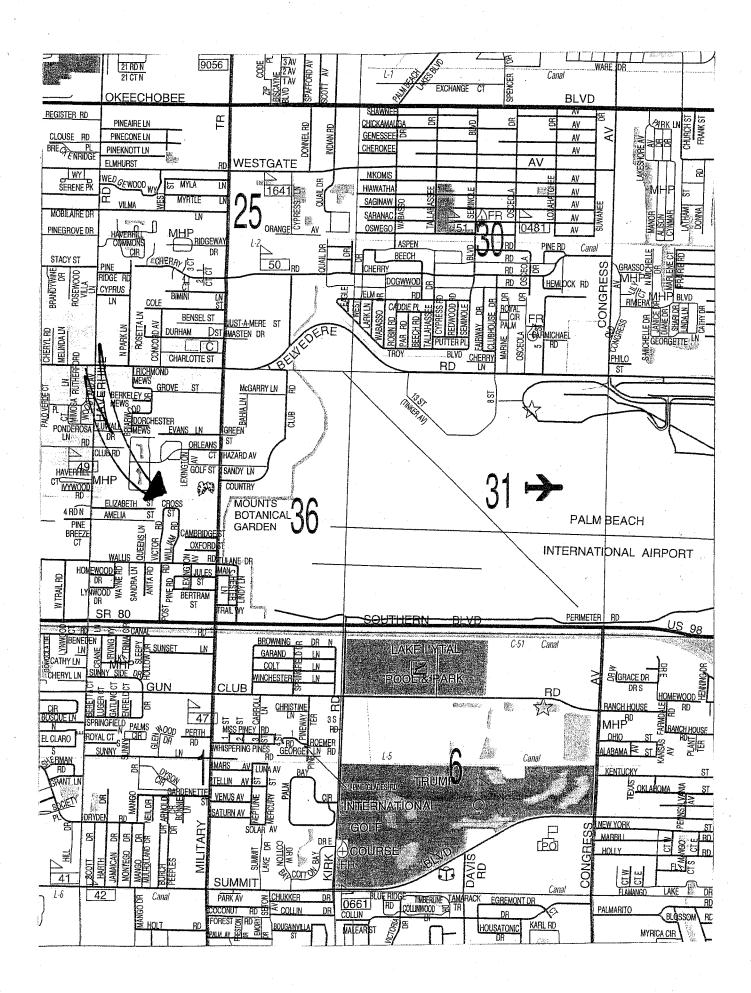
B. Legal Sufficiency:

ssistant County Attornev

C. Other Department Review:

Department Director

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



ATTACHMENT # !

March 03, 2008	JOC Work Order Job Order Construction Services	
	Agriculture Complex	
	59 North Military Trail, West Palm Beach	- Source

Brief Description: Provide a metal maintenance building for the Cooperative Extension.

Contractor:	HA Contracting 9500 NW 12th		
	Miami, FL 331		
Contract:	R-2007-0944	Dated	June 19, 2007
AMOUNT:	\$ 239,956.05		

DISTRICT: 6

JOC Work Order #: 08-026

Project Duration: 190 Days (Liquidated damages will apply)

3900-101-AG12-6502

Approval Signatures

Funding:

Audrey Wolf, Director Audrey Molf Audrey Molf	Pat D'Angelo, Project Coordinator	Por Angle 3/10/08
Chair (NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000) Contract Review Committee Date Approved as to form and legal sufficiency Date County Attorney Date		Amoun Worf 3/25/08
Approved as to form and legal sufficiency County Attorney Date		(NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000)
County Attorney Date	Contract Review Committee	Date
	Approved as to form and legal sufficiency	
Addie L. Greene, Chairperson	County Attorney	Date
	Addie L. Greene, Chairperson	
Board of County Commissioners Date	Board of County Commissioners	Date

President	Lama	Juste 3-11-08
HA Contracting Corp.		Date

COPY: Project File

JOC Work Order

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Procurement & Project Implementation Group 2633 Vista Parkway, West Palm Beach, FL 33411-5607



Job Order Contract **Proposal Review - CSI Summary**

Date March 13, 2008 Job Order Number: 07316 Mounts - Maintenance building Job Order Name: Mounts - Maintenance Building - 2/20/2008 2:19:22PM **Review:**

Subtotal for 01	\$65,556.54
Subtotal for 02	\$22,068.50
Subtotal for 03	\$22,568.90
Subtotal for 05	\$1,381.76
Subtotal for 07	\$2,241.86
Subtotal for 08	\$9,404.08
Subtotal for 09	\$7,494.74
Subtotal for 10	\$2,279.00
Subtotal for 13	\$63,697.70
Subtotal for 15	\$8,343.67
Subtotal for 16	\$34,919.30
	\$239,956.05
	Subtotal for 02 Subtotal for 03 Subtotal for 05 Subtotal for 07 Subtotal for 08 Subtotal for 09 Subtotal for 10 Subtotal for 13 Subtotal for 15

Proposal Review Total

This job 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.

Proposal Review - CSI Summary

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ATTACHMENT # 3

Job Order Contract Proposal Review - CSI Detail

DateMarch 13, 2008Job Order Number: 07316Job Order Name:Mounts - Maintenance buildingReview:Mounts - Maintenance Building - 2/20/20082:19:22PM

Line Tota							l	Description	UOM	Mod.	Item	Sect.	
					na ang sing sing sing sing sing sing sing si		ALCONT. STOR		a di salara Mana			tion 01	Sec
\$1,255.00							able Fees	Reimburs	EA		1001	01204	1
	Total		Factor		Unit Price		Quantity	1					
	\$1,255.00	=	1.0000	X	100.00	, X	12.55	allation	Inst				
						· .	1	- fee's	FPl				
\$3,995.00						19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -	ble Fees	Reimbursa	EA		1001	01204	2
	Total		Factor		Unit Price		Quantity		9.				
	\$3,995.00	=	1.0000	х	100.00	x	39.95	allation	Inst				
				<u> </u>				act fee's allov	Imp				
\$649.28	s to cover	te costs	de appropriat	TC inclu	items in the C	ote: Line	al Worker, No	Sheet Met	HR		1311	01352	3
	ieous	iscellan	owner for mi	ly by the	sted specifical		se items will I overed in the						
	Total		Factor		Unit Price	010.	Quantity	WOIK HOLC					
	\$649.28	=	1.0000	x	40.58	x	16.00	allation	Inst				
								es for hvac	hole				
\$194.5						on Test	nd Classificati	Density Ar	EA		1122	01431	4
	Total		Factor		Unit Price		Quantity						
	\$194.56	=	1.0000	x	48.64	x	4.00	allation	inst				
\$139.9						3	st, ASTM C14	Slump Tes	EA		2124	01431	5
	Total		Factor		Unit Price		Quantity						
	\$139.90	=	1.0000	x	13.99	х	10.00	allation	Inst				
\$519.9				style.	: Includes ADA	cal Note	oilets. Chemi	Portable T	WK		1002	01520	6
	Total		Factor	•	Unit Price		Quantity						0
	\$519.96	=	1.0000	x	43.33	x	12.00	allation	Inst				
\$1,236.0	ter	On Cent	Posts At 8' C	gh With	c Mesh, 48" Hi	e. Plasti		Temporary	LF	ā.	4001	01560	7
	Total		Factor		Unit Price		Quantity						·
	\$1,236.00	=	1.0000	x	1.03	x	1,200.00	tallation	inst				
\$700.0	' High	de x 8"	ame, 1 2' Wi	ligh A-Fi	2' Wide x 3' H			Type I Tra	MO		7127	01560	8
				•			zed Rail Each						•
	Total \$700.00	=	Factor 1.0000		Unit Price		Quantity	hallation	in ai				
\$4,313.8			1.0000	<u> </u>	8.75	X	80.00	tallation					
\$4,513.0					Electric	atform, E	' x 35' High Pl	74" x 140"	MO		1119	01590	9
	Total \$4,313.85	_	Factor		Unit Price		Quantity						
	φ 4 ,313.03	-	1.0000	х	1,437.95	X	3.00	tallation					
\$11,699.9								g.,electrical,di				····	
\$11,099.9				rator	Full-Time Ope	at, With I	1/3 CY Bobc	60" Wide,	MO		4106	01590	10
	Total \$11,699.90		Factor		Unit Price		Quantity						
			1.0000	<u> </u>	5,849.95	x	2.00	tallation	Inst				
\$24,955.1	l-time	Vith full	khoe Note: V	ader-Bac	ep, 90 HP Loa	16'-6" De	24" Bucket,		MO		4709	01590	11
	Total		Factor		Unit Price		Quantity	operator					
	\$24,955.10	=	1.0000	x	9,982.04	х	2.50	tallation	Inst				
\$1,216.4					V, Manual Star			10 75 HP	MO		6216	01590	12
	Total		Factor	-	Unit Price			10.10116			0210	01000	12
					OHICFHOG		Quantity						
	\$1,216.40	=	1.0000	х	608.20	x	2.00	tallation	insi				

Proposal Review - CSI Detail

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Proposal Review - CSI Detail (Continued) Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

Review: Mounts - Maintenance Building - 2/20/2008 2:19:22PM

15	01590	9704		DAY	6000 To	6999 LB Forkli	ft With	Full-Time Opera	ator				\$703.46
	•					Quantity		Unit Price		Factor		Total	
				Insta	lation	2.00	x	351.73	<u>×</u>	1.0000	=	\$703.46	
14	01591	31.31		DAY	1-1/2 To hydraulid		:k, 4 x 2	2, With Full-Time	e Truck	Driver Note: I	ncludes		\$8,176.00
		×			nyuraum	Quantity		Unit Price		Factor	`	Total	
				Insta	lation	20.00	х	408.80	x	1.0000	Ξ.	\$8,176.00	
				Trast	haul								
15	01591	4203		EA	Bobcat I	Delivery/Mob/D	emob N	lote: Use for bol	ocat or s	imilar sized e	quipment.		\$179.70
					Includes	delivery fee, de Quantity	elivery,	set-up and retuin Unit Price	rn.	Factor		Total	
			-	Insta	lation	2.00	х	89.85	x	1.0000	= .	\$179.70	
16	01720	1104		ACR	Survey [Several Structu	res (25-	65% Building	s)		\$4,021.48
					· · · ·	Quantity		Unit Price		Factor		Total	
				Insta	llation	2.00	x	2,010.74	x	1.0000	=	\$4,021.48	
17	01720	1601		ACR	Survey (Clear Area For					·····		\$1,600.95
						Quantity		Unit Price		Factor		Total	
				Insta	lation	1.00	x	1,600.95	x	1.0000	=	\$1,600.95	
	<u> </u>									Subto	tal for 01	\$6	5,556.5
1818			C. State State	Martin Service	and level of level	Net President	1990 (Sec.					Ψ°	
2.4. 614-54	tion 02	2010/03/02/01/08/02/20/01							18. A. C. M.			STREET, STREET,	#1 000 0V
18	02011	3001		LF	Drill In F	Rock, BW Core,	Include				:		\$1,996.00
				Insta	llation	Quantity		Unit Price		Factor 1,0000	=	Total \$1,996.00	
						40.00	X	49.90	x	1.0000			#4 OFC 0
19	02102	1203		CY	Hand Lo	ad Spoils				_		-	\$1,056.00
				Inoto	llation	Quantity		Unit Price		Factor 1.0000		Total \$1,056.00	
				ioad i		120.00	X	8.80	x	1.0000		φ1,000.00	
20	02102	1204		CY		nd Ramp Load	Spoils			,			\$1,384.00
20	02102	1204		C1	wheel P		Spoils	Unit Price		Factor		Total	÷.,
				Insta	llation	Quantity 200.00	x	6.92	x .	1.0000	=	\$1,384.00	
21	02119	2001		CYM	Hauling	On Paved Roa	·····						\$3,120.00
21	02113	2001		0114	riduning	Quantity	uo, i no	Unit Price		Factor		Total	
			•	Insta	llation	7,800.00	x	0.40	х	1.0000	=	\$3,120.00	
22	02201	1003		EA	Backhoe			To 250 HP Deliv	erv/Mob	/Demob Note	e: Use for		\$626.1
	02201	1000			backhoe	e, dozer, roller, i	ioader,	excavator or sin	nilar size	ed equipment	. Includes		
					delivery	fee, delivery, se	et-up a	nd return. Unit Price		Factor		Total	
				Insta	llation	Quantity 2.00	x	313.09	x	1.0000	=	\$626.18	
23	02210	4002		CY	Compac			e For Building F		ons and Othe	r Structures	by	\$4,372.80
20		1002		0.	Hand.								
				Ineta	llation	Quantity		Unit Price		Factor 1.0000	-	Totai \$4,372.80	
						480.00	X	9.11	X				\$240.00
24	02210	5001		SY	Rough (Iding Fi	oundations And	Other S		VIACINITE	Total	
				Ineta	llation	Quantity	•	Unit Price	v	Factor 1.0000	E	Total \$240.00	
07	00040	5000				480.00	X ding Eq	0.50	X Other St				\$1,291.20
25	02210	5003		SY	⊢inish G		aing Fo	oundations And	Uner St			Total	ψι, ευι, ει
				Ineta	llation	Quantity	v	Unit Price	v	Factor 1.0000	=	\$1,291.20	
	00040	7004				480.00	X	2.69	X Noch				\$332.50
26	02210	7001		CY	Spread		orted M	aterial On Site I Unit Price	sy wach	Factor		Total	ψυσε.υ
						Quantity		Limit Drino					

Proposal Review - CSI Detail

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3/13/2008

Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

Review: Mounts - Maintenance Building - 2/20/2008 2:19:22PM

Rev	iew:		wounts		enance B	uliaing - 2/2	.0/2000	8 2:19:22PI	VI				
27	02213	2002		CY	Sand, W	ashed							\$5,595.8
						Quantity	4	Unit Price		Factor	_	Total	
					llation	191.31	X	29.25	X	1.0000		\$5,595.82	<u>.</u>
28	02215	2002		CY	Excavatio	on for Trenchin	ig by Ha	ind in Loose Ro	ck Includ	es Stockpili	ng Excess		\$1,993.2
					waterials	Quantity	Sides a	and Bottom of T Unit Price	rench.	Factor		Total	
				Insta	llation	40.00	x	49.83	x	1.0000	=	\$1,993.20	<i></i>
29	02215	3001		CY	Backfillin		ubbase	for Trenches w	ith Import	ed or Stock	piled Materia	als by	\$60.8
					Machine	*							
				Insta	llation	Quantity		Unit Price 1.52	х ^т	Factor 1.0000	=	Total \$60.80	
				mota		40.00	X	1.52	<u> </u>				0.000
The second		MARK OF CREATING	TALLAN AN IN-SAME	No. 2 (1998) 5 a 10 a 10	NAME OF TAXABLE ADDRESS OF	entre access in the subscripts sector	0.000	tiles and the attention of the state of the	the place of the co	Subto	tal for 02	¢2 مراجع	2,068.5
Sec	tion 03												
30	03110	1151		SF	Below G	ade Walls For	Indation	Wood Formwo	ork Note: I	Excludes for	oting		\$1,906.2
				la ata	Uniting	Quantity		Unit Price		Factor	_	Total \$1,906.20	
		·			llation	540.00	X	3.53	X	1.0000	·	φ1,300.20	<u><u></u><u></u></u>
31	03210	1005		TON	Grade 60		iteel, Fo	otings And Slat	os, #3-#6			· 	\$3,721.3
				Incto	llation	Quantity	•	Unit Price		Factor 1.0000	-	Total \$3,721.30	
		4004				2.50	X	1,488.52	X			+	\$1,419.0
32	03220	1001		SF	6X6X#		veided	Wire Reinforce	ment in S		+ X VV 1.4)	Total	φι,413.0
				Insta	llation	Quantity	x	Unit Price 0.33	x	Factor 1.0000	-	Total \$1,419.00	
	02211	1101		CY		4,300.00		And Bucket, 300					\$4,900.0
33	03311	1131		CT	Pour Spr		Clane A	Unit Price	010100	Factor		Total	÷ ,,
	-			Insta	llation	Quantity 40.00	x	122.50	x	1.0000	=	\$4,900.00	
34	03311	1161		CY	Pour Sla			ne And Bucket,					\$8,730.4
54	00011	1101		01		Quantity	0,010	Unit Price		Factor		Total	
				Insta	llation	70.00	х		x	1.0000	=	\$8,730.40	
35	03350	1005		SF	Concrete	Floor Finishes	s, Steel	Trowel					\$1,892.0
						Quantity		Unit Price		Factor		Total	
				Insta	llation	4,300.00	х	0.44	x	1.0000	=	\$1,892.00	
	······································									Subto	tal for 03	\$2	22,568.9
Sec	tion 05					a ta ta ta ta ta	an a						
onderstanded	05501	1013		EA	7/8" Diar	neter x 24" or	na J-Tvi	pe Anchor Bolt	STATISTICS CONTRACTOR	Construction of the second		<u></u>	\$1,034.2
50	00001	1015		LA	110 Diai	Quantity	19, 0-1 <u>9</u> 1	Unit Price		Factor		Total	
				Insta	llation	64.00	X	16.16	X	1.0000	=	\$1,034.24	
37	05501	1013	9903	EA	For Galv	anized Bolts, A							\$347.
						Quantity		Unit Price		Factor		Total	
				Insta	llation	64.00	x	5.43	X	1.0000	=	\$347.52	
								<u> </u>		Subto	tal for 05	ą	61,381.
Sugar	tion 07						计正式正确					an di seri dan seri di Mari di seri di seri	C. C
1.000.000.000	07131	and the second second		CSF		IC Vapor Porri	ior	A TRANSPORT OF TAXABLE PARTY OF TAXABLE PARTY.		an and the second s		AND AND AND AND A STATES OF	\$946.
38	07131	6001		035		/C Vapor Barri	IEI	Linit Drice		Factor		Total	42 . 2 .
				Insta	llation	Quantity	x	Unit Price 22.02	x	1.0000	=	\$946.86	
20	07210	1203		SF		43.00	·····	ble Fiberglass I			· · · · ·		\$1,295.
39	01210	1203			0-112_UI	Quantity	I I I ICAIL	Unit Price		Factor		Total	
				Insta	llation	Quantity 1,750.00	x	0.74	x	1.0000	=	\$1,295.00	
						1.700.00	~						
					ywall partito								
					ywall partito					Subto	tal for 07		52,241.8

Job Order Number: 07316 Job Order Name: Mounts - Maintenance building

Review: Mounts - Maintenance Building - 2/20/2008 2:19:22PM

iec	tion 08							in a second second		THE PARTS	Sigt the second
40	08330	6226		EA 10' x 12' 2	2 Gauge Roll	-Up Galv	anized Steel C	verhead	d Door, Chain Lift		\$8,155.68
			· .		Quantity		Unit Price		Factor	Total	
				Installation	3.00	X	2,718.56	X	1.0000 =	\$8,155.68	
41	08364	1003		LF Weather S	trip At Door I	Bottom	· .				\$45.00
					Quantity		Unit Price		Factor	Total \$45.00	
				Installation	30.00	X	1.50	X	1.0000 =	φ40.00	0045 4C
42	08710	6213		EA Entry Lock						····	\$915.42
	~			Installation	Quantity		Unit Price		Factor 1.0000 =	Total \$915.42	
		1000			3.00	X	305.14	X	1.0000		\$127.54
43	08720	1002		OPN Spring Typ		tripping	For Metal Door	S	F undan	Tatal	φ121.02
				Installation	Quantity		Unit Price 63.77	v	Factor 1.0000 =	Total \$127.54	
	09720	1006			2.00	X O and the co	r Complex, Up	X		+	\$160.44
44	08730	1006		L.F Aluminum		unt-up C		10 5-5/	Factor	Total	\$100.1
				Installation	Quantity 6.00	x	Unit Price 26.74	x	1.0000 =	\$160.44	
					0.00		20,14				0 40 4 0
	an single all approximations		na bilani oloni navajutiko	ana an ana ana ana ana ana ana ana ana	11 The residence of the Indexed State		and a more descent of the second s		Subtotal for 0	¢ 81	9,404.08
Sec	tion 09					er en ser					States and
45	09110	1003			al Stud Chan	nel, 16"	On Center, 25	Gauge	Cold Roll, With Tracks	And	\$2,117.50
				Runners	Quantity		Unit Price		Factor	Total	
				Installation	1,750.00	X	1.21	х	1.0000 =	\$2,117.50	
46	09250	1202		SF 5/8" Fire F	ated Drywall		ion				\$2,400.00
					Quantity		Unit Price		Factor	Total	
				Installation	2,500.00	x .	0.96	х	1.0000 =	\$2,400.00	
47	09250	1202	5010	SF For Wall H	leight > 12' T	o 20' (> 3	3.6 m To 6 m),	Add			\$75.00
					Quantity		Unit Price		Factor	Total	•
				Installation	2,500.00	x	0.03	x	1.0000 =	\$75.00	
48	09250	4101		SF Tape, Spa	ckle And Fini	ish Dryw	all Walls Up To	o 10' He	ight		\$550.00
					Quantity		Unit Price		Factor	Total	
				Installation	2,500.00	x	0.22	x	1.0000 =	\$550.00	
49	09250	4301				ish Vertio	al Corners Up	To 10' i	Height Note: Inside or o	outside	\$75.20
				drywall co	rners. Quantity		Unit Price		Factor	Total	
				Installation	160.00	x	0.47	x	1.0000 =	\$75.20	r
50	09910	4104		LF Paint Meta				ner, Bru	sh/Roller Work		\$12.24
					Quantity		Unit Price		Factor	Total	
				Installation	34.00	x	0.36	x	1.0000 =	\$12.24	
51	09910	4104		LF Paint Meta		e And Tri	m, 1 Coat Prin	ner, Bru	sh/Roller Work		\$6.12
					Quantity		Unit Price		Factor	Total	
				Installation	17.00	x	0.36	X	1.0000 =	\$6.12	
52	09910	4106		LF Paint Meta	I Door Frame	e And Tri	m, 2 Coats Pa	int, Brus	sh/Roller Work		\$26.52
					Quantity		Unit Price		Factor	Total	
				Installation	34.00	x	0.78	х	1.0000 =	\$26.52	
53	09910	4106		LF Paint Meta	l Door Frame	e And Tri	m, 2 Coats Pa	int, Brus	sh/Roller Work		\$13.26
				• •	Quantity		Unit Price		Factor	Total	
				Installation	17.00	X	0.78	х	1.0000 =	\$13.26	
54	09910	4214		EA Paint Exte	rior Door, Bo	th Faces	, 1 Coat Prime	r, Brush	/Roller Work		\$51.5
					Quantity		Unit Price		Factor	Total	
				Installation	•		25.78		1.0000 =	\$51.56	

Proposal Review - CSI Detail (Continued) Job Order Number: 07316 Job Order Name: Mounts - Maintenance building

55	09910	4216		EA Paint Ex	terior Door, Bot	h Face	s, 2 Coats Paint	, Brush	Roller Work			\$92.34
•				Installation	Quantity		Unit Price		Factor 1.0000	=	Total \$92.34	
56	09920	1411	<u> </u>		2.00	X	46.17 Coat Primer, B	<u> </u>	1.0000		ψ02.01	\$700.00
00	09920	1411		Sr Paintin	Quantity	ywan, i	Unit Price	iusii	Factor		Total	<i></i>
				Installation	2,500.00	x	0.28	x	1.0000	=	\$700.00	
57	09920	1413	· · · · · · · · · · · · · · · · · · ·	SF Paint Inf		ywall, 2	Coats Paint, B	rush				\$1,375.00
					Quantity		Unit Price		Factor		Total	
				Installation	2,500.00	x	0.55	x	1.0000	=	\$1,375.00	
						•			Subto	tal for 09) \$	57,494.7
Sec	tion 10		fellen er fels i Sener i Sener i		en deren Schröden Rechter							MPRIA.
58	10291	1112		SF Termite	Pretreatment, 0	Comme	rcial Slab And V	Valls < 2	2000 SF			\$2,279.0
				L. A. H. H.	Quantity		Unit Price		Factor	-	Total \$2,279.00	
				Installation	4,300.00	x	0.53	X	1.0000			
	-								Subto	tal for 10		52,279.0
Sec	tion 13				Petropagna and							
59	13122	2125	1 - 1,1 v			Span Ri	gid Frame Build	lings, 1	8' Eave Heigh	nt, 26 Gaug	e	\$50,582.4
			•	Kooling	And Siding Quantity		Unit Price	w - 1	Factor		Total	
				Installation	2,640.00	x	19.16	x	1.0000	=	\$50,582.40	
60	13122	2125	2243	GSF For 70'	Fo 99' In Length	Only, /						\$1,848.0
				Installation	Quantity		Unit Price		Factor 1.0000	=	Total \$1,848.00	<u>с</u>
61	12122	2125	2014		2,640.00	X - Deef	0.70	X				\$1,531.2
67	13122	2125	2911	GSF For The		e Root	Slope From 1 Ir Unit Price	1 12 10	Factor		Total	ψ1,001.2
				Installation	Quantity 2,640.00	x	0.58	x	1,0000	=	\$1,531.20	
62	13122	2125	2912	GSF For The	Increase From	12 PSF	⁻ (59 kg/m2) Liv	e And 1	5 PSF (73 kg	/m2) (80 M	PH)	\$3,801.6
				Wind Lo	ad To 20 PSF (Quantity	98 kg/n	n2) / 20 PSF (9 Unit Price	7 kg/m2) (90 MPH), / Factor	٨dd	Total	2 .
			-	Installation	2.640.00	x	1.44	x	1.0000	#	\$3,801.60	
63	13122	9001		EA 3'x 7' In	sulated Core M	etal Do	or And Frame, 4	4-1/2" x	4-1/2" Heavy	Duty, Full		\$1,588.4
				Mortise	Ball Bearing Hi Quantity	nges W	ith Non-Remova Unit Price	able Pin	s. Factor		Total	
				Installation	3.00	x		x	1,0000	=	\$1,588.47	
64	13122	9021		LF Pre-Eng		······································	Gutter, Painted	d .				\$577.6
				ана са се	Quantity		Unit Price		Factor		Total	
				Installation	80.00	х	7.22	x	1.0000		\$577.60	
65	13122	9022		LF Pre-Eng		rd Type	Downspout, Pa	ainted				\$302.4
				Installation	Quantity	X	Unit Price 5.04	x	Factor 1.0000	. =	Total \$302.40	
66	13122	9031			60.00 For Door Oper							\$364.4
00	10122	3031			Quantity	ing, op	Unit Price		Factor		Total	
				Installation	2.00	x	182.24	x	1.0000	m	\$364.48	
67	13122	9033		EA Metal Fr	ame Rough Op	ening F	or Overhead Do	oor, 12'	(12'			\$1,045.6
					Quantity		Unit Price		Factor	_	Total	
				Installation	3.00	X	348.55	×	1.0000		\$1,045.65	\$2 055 D
68	13122	9047		SF 3" Polye		t (PSK)	Faced Insulatio	n	F -ster		Total	\$2,055.9
				Installation	Quantity 2,310.00	x	Unit Price 0.89	x	Factor 1.0000	=	Total \$2,055.90	
_					2,010.00			-		tal for 13		63,697.7
									Sublu		, φι	

Job Order Number: 07316 Job Order Name: Mounts - Maintenance building

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Sec	tion 15		対応のた						e ciga e				
69	15770	5405		EA				nted Air Condit		idoor Unit And	l Outdoor l	Jnit,	\$5,193.23
		• 2			Includes	Quantity	ne), Frie	drich Model M3 Unit Price	OUCE	Factor	· .	Totàl	
				Insta	llation	1.00	x	5,193.23	x	1.0000	=	\$5,193.23	
				For 1	8000 BTU	wall unit						1	
70	15770	6901	 	EA	Aluminu	m Air Condition	ner Brac	ket					\$306.10
				Imata	11'	Quantity		Unit Price		Factor		Total \$306.10	
	<u> </u>				llation	1.00	x	306.10	<u>x</u>	1.0000	····	\$300.10	
71	15770	8002		EA	Thru Wa		10001 1	To 20000 BTU l	Jnit				\$75.5
				Insta	llation	Quantity		Unit Price 75.50	x	Factor 1.0000	= .	Total \$75.50	
70	45824	1104		·····		1.00	X						\$2,768.84
72	15831	1104		EA		m, 1/4" Static I		Wall Ventilator, e	20 X 2	U Damper, O	entinuyai,		ψ2,100.0
						Quantity		Unit Price		Factor	_	Total	
				Insta	llation	4.00	x	692.21	x	1.0000	=	\$2,768.84	
			•					4		Subto	tal for 1	5 \$	68,343.6
Sec	tion 16												
73	16102	3001		LF	1/4" Nylo	on Pull Cord In	stalled 7	Го Remain In P	iace, In	Existing Cond	luit		\$116.8
						Quantity		Unit Price		Factor		Total	•
				Insta	llation	299.60	х	0.39	×	1.0000	=	\$116.84	
74	16120	1223	-	MLF	#12 AW	G Cable - XLP	(XHHW	'), 600 V, Single	e Strand	ed, Placed In	Conduit		\$1,335.3
						Quantity		Unit Price		Factor		Total	
				Insta	llation	2.20	x	606.96	X .	1.0000		\$1,335.31	
75	16120	1224		MLF	#10 AW	G Cable - XLP	(XHHW	/), 600 V, Single	Strand	ed, Placed In	Conduit		\$39.3
						Quantity		Unit Price		Factor		Total	
			· · · · ·		llation	0.05	×	786.24	X	1.0000		\$39.31	
76	16120	1225		MLF	#8 AWG	Cable - XLP (XHHW)	, 600 V, Single	Strande		Conduit	·	\$74.8
				Inoto	llátion	Quantity		Unit Price		Factor 1.0000	=	Total \$74.82	
						0.08	X	935.19	X			Ψ14.0Z	\$231.3
77	16120	1227		MLF	#4 AWG		XHHVV)	, 600 V, Single	Strande		ondun	Total	
				Insta	llation	Quantity	v	Unit Price 1,927.73	x	Factor 1.0000	=	Total \$231.33	
70	16120	1229		MLF		0.12 Cable XI P (, 600 V, Single	<u> </u>				\$141.5
70	10120	1225			#2 7000	Quantity		Unit Price				Total	
				Insta	llation	0.05	x	2,830.42	x	1.0000		\$141.52	2
79	16120	1235		MLF	4/0 AWC), 600 V, Single	Strand	ed, Placed in	Conduit		\$3,701.6
						Quantity	(Unit Price		Factor		Total	
				Insta	llation	0.55	x	6,730.19	х	1.0000	= .	\$3,701.60	
80	16131	2116		LF	RGS 2"		Coupling	, Mounted Exp	osed Or	Flat Wall	· .		\$139.0
						Quantity		Unit Price		Factor		Total	
				Insta	llation	20.00	х	6.95	х	1.0000	=	\$139.00	· .
81	16131	2156		EA	RGS 2"	Plastic Bushing	g Set W	ith Locknuts, M	ounted	Exposed On I	-lat Wall		\$51.5
						Quantity		Unit Price		Factor		Total	
				Insta	llation	4.00	x	12.88	x •	1.0000		\$51.52	
82	16131	2157		EA	RGS 2-1	/2" Plastic Bus	shing Se	et With Locknut	s, Moun	ted Exposed	On Flat Wa	11	\$88.9
				*		Quantity		Unit Price		Factor		Total	
				Insta	llation	4.00	x	22.24	х	1.0000	=	\$88.96	

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Rev	iew:		Mounts -	- Maintenance	e Building - 2/2	20/20	08 2:19:22PI	M				
83	16131	2463		EA 1" Sea	aling Locknut In L	ieu Of	Locknut, Add					\$0.70
			· ·	Installation	Quantity	.,	Unit Price 0.70	x	Factor 1.0000	=	Total \$0.70	
	16131	2465			1.00 Sealing Locknut	X In Lieu				· · · · · · · · · · · · · · · · · · ·		\$6.45
04	10151	2400		EA 1-1/2			Unit Price	u .	Factor		Total	+
				Installation	Quantity 5.00	x	1.29	x	1,0000	=	\$6.45	
85	16131	2466		EA 2" Sea	aling Locknut In L							\$3.06
00	10101	2100		2	Quantity		Unit Price		Factor		Total	
				Installation	2.00	X	1.53	х	1.0000	=	\$3.06	
86	16131	2611		LF 1/2" E	MT Conduit, Mou	inted E	Exposed On Flat	Wall			r	\$1,413.60
				:	Quantity		Unit Price		Factor		Total	
			·	Installation	760.00	x	1.86	х	1.0000	=	\$1,413.60	
87	16131	2612	:	LF 3/4" E	MT Conduit, Mou	inted E	Exposed On Flat	Wall				\$932,40
					Quantity		Unit Price		Factor		Total	
				Installation	420.00	x	2.22	х	1.0000	=	\$932.40	
88	16131	2651		EA 1/2" E	MT Set Screw Co	oupling	a, Mounted Expos	sed Or	n Flat Wall			\$147.44
					Quantity		Unit Price		Factor	_	Total	
				Installation	76.00	х	1.94	x	1.0000	=	\$147.44	
89	16131	2652		EA 3/4" E	MT Set Screw Co	oupling	g, Mounted Expos	sed Or	n Flat Wall			\$100.38
				1	Quantity		Unit Price		Factor	_	Total \$100.38	
				Installation	42.00	x	2.39	x	1.0000		\$100.50	¢149.00
90	16131 [.]	2691	2	EA 1/2" E	MT Box Connect	or Witl	h Set Screw				· · · · · · · · · · ·	\$148.96
				Installation	Quantity		Unit Price		Factor 1.0000	=	Total \$148.96	
					76.00	X	1.96	X	1.0000			\$67.76
91	16131	2692		EA 3/4" E	MT Box Connect	or Wit			F t - x		Total	ψ07.70
			· · ·	Installation	Quantity		Unit Price 2.42	x	Factor 1.0000	=	\$67.76	
	10121	4115			28.00 PVC Schedule 4	X					ina	\$133.00
92	16131	4110		LF 1-1/2		0 001		ig, Dir	Factor	a coup.	Total	• • • • • • •
				Installation	Quantity 50.00	x	Unit Price 2.66	x	1.0000	=	\$133.00	
03	16131	4116		LF 2" PV	C Schedule 40 C							\$642.00
00	10101			_, _, , ,	Quantity	ondan	Unit Price		Factor	, .	Total	
				Installation	200.00	x	3.21	х	1.0000	=	\$642.00	
94	16131	4117		LF 2-1/2"	PVC Schedule 4	0 Con	duit With Couplir	ng, Dire	ect Burial, Glue	d Coupl	ing	\$720.00
					Quantity		Unit Price		Factor		Total	
	· •.			Installation	160.00	х	4.50	х	1.0000	=	\$720.00	
95	16131	4513		LF RGS	PVC Coated 1" C	onduit	With Coupling, [Direct I	Burial, 20 Mil C	oated		\$42.70
		•			Quantity		Unit Price	•	Factor		Total	
				Installation	10.00	х	4.27	<u>x</u>	1.0000		\$42.70	
96	16131	4514		LF RGS I	PVC Coated 1-1/4	4" Con	iduit With Couplir	ng, Dir	ect Burial, 20 M	lil Coate		\$103.20
					Quantity		Unit Price		Factor	_	Total \$103.20	
		·		Installation	20.00	x	5.16	X	1.0000		\$103.20	A74 70
97	16131	4516		LF RGS I	PVC Coated 2" C	onduit		Direct I		oated	· · · · · ·	\$74.70
				Installation	Quantity		Unit Price		Factor 1.0000	=	Totai \$74.70	
	10.00			Installation	10.00	X	7,47	X			<i><i><i>ψ7</i> 1.10</i></i>	\$148.52
98	16131	4526		EA RGS	PVC Coated 2" E	ibow, I		IVIII CO			Takal	φ1 4 0.02
				Installation	Quantity		Unit Price	v	Factor 1.0000	=	Total \$148.52	
			<u> </u>	mətdildilləri	4.00	X	37.13	X	1.0000			

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Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

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				VI	2.19.22FI	.0/2000	Building - 2/2	intenance	Mounts - Ma		ew:
\$56.12		d .	0 Mil Coated	Burial, 20	Union, Direc	l" Adapte	VC Coated 1-1/4	RGS P	EA	4534	16131
	Total	_	Factor		Unit Price		Quantity				
	\$56.12		1.0000	x	56.12	X	1.00	nstallation	lr		
\$3,456.48		d		Burial, 20	Union, Direc	2" Adapte	VC Coated 1-1/2	RGS P	EA	4535	16131
	Total \$3,456.48	=	Factor 1.0000		Unit Price	•	Quantity	nstallation	Ir		
\$144.02	φυ, του. το			X	72.01	X	48.00				
ψ102	Total	4		bunas, 20			VC Coated 1-1/2	RGS P	EA	4535	16131
	\$144.02	= .	Factor 1.0000	x	Unit Price 72.01	x	Quantity	nstallation	Ir		
\$355.96							2.00 VC Coated 2" Ad		EA	4536	16131
	Total		Factor	100, 20 100	Unit Price	Japier O	Quantity	NG0 F		4000	10131
	\$355.96	=	1.0000	x	88.99	X	4.00	nstallation	l Ir		
\$169.92							ight Connector	2" Strai	EA	8137	16131
	Total		Factor		Unit Price		Quantity			0.07	10101
	\$169.92	=	1.0000	x	14.16	X	12.00	nstallation	lr.		
\$410.34			· · ·		эр	1-1/2" De	are Steel Box X		EA	1101	16134
	Total		Factor		Unit Price		Quantity				
	\$410.34	=	1.0000	x	9.77	x	42.00	nstallation	lr		
\$154.42					эр	2-1/8" D	are Steel Box X 2	4" Squa	EA	1102	16134
	Total		Factor		Unit Price		Quantity				
	\$154.42	=	1.0000	X	11.03	х	14.00	nstallation	lr		
\$17.2					er	Blank Co	5" Square Steel I	4-11/16	EA	1106	16134
	Total		Factor		Unit Price		Quantity				
	\$17.28	=	1.0000	x	4.32	Х	4.00	nstallation	۱۱ 		
\$7.5						ing	Box Extension R	1-1/2" E	EA	4101	16134
	Total \$7.50		Factor	,	Unit Price		Quantity	1 11 1 ² ·			
\$166.5	φ <i>τ</i> .50		1.0000	<u>x`</u>	7.50	X	1.00	nstallation	· · · · · · · · · · · · · · · · · · ·		
\$100.0		÷	.	lount		÷	' Square Cut Tile	3/4", 4"	EA	4301	16134
	Total \$166.59	=	Factor 1.0000		Unit Price		Quantity	nstallation			
\$22.1			1.0000	<u>×</u>	6.17	<u>X</u>	27.00		· · · · · · · · · · · · · · · · · · ·		
ΨΖΖ.Ι	Total		-	iount	-	e Ring, 2	Square Cut Tile	3/4", 4"	EA	4305	16134
	Total \$22.17	=	Factor 1.0000	x	Unit Price		Quantity	nstallation	1,		
\$187.9			1.0000			X	3.00			4407	10110
<i>Q</i> 10110	Total		Factor	Filase			IEMA 5-20, Sing	20 A, N	EA	1127	16140
	\$187.92	=	1.0000	x	Unit Price 10.44	: x	Quantity 18.00	nstallation	Ir		
\$43.6							IEMA 15-30, Sin		EA	1215	16140
	Total		Factor	0.1.000	Unit Price	igic reco	Quantity		LA	1210	10140
	\$43.61	=	1.0000	x	43.61	x	Quantity 1.00	nstallation	II.		
\$49.8			lase				IEMA 14-50, Sin	50 A. N	EA	1221	16140
	Total		Factor	·	Unit Price		Quantity				
	\$49.81	=	1.0000	x	49.81	X	1.00	nstallation	lr		
\$101.4				olex	ceptacles, Du		20 V Isolated Gr	20 A, 1	EA	1243	16140
	Total		Factor		Unit Price		Quantity				
	\$101.48	=	1.0000	x	25.37	x	4.00	nstallation	ir		
\$146.7				ceptacle	of Duplex Re	/eatherp	p, 120 V, GFI, W	20 Amp	EA	1284	16140
	Total		Factor		Unit Price		Quantity	,			
	\$146.75	=	1.0000	х	29.35	x	5.00	nstallation	i,		

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Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

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Review:	MOG	unts - Maintenance B	0							
<i>115</i> 16140	2127	EA 20 A, 120)/277 V 3-Way	Switch						\$70.32
			Quantity		Unit Price		Factor		Total	
		Installation	4.00	х	17.58	x	1.0000	= .	\$70.32	
116 16140	2139	EA 30A 120/	277 V, Double I	Pole Lo	ocal Switch				· .	\$35.52
			Quantity		Unit Price		Factor		Total	
		Installation	1.00	x	35.52	x	1.0000	=	\$35.52	
117 16140	4111	EA 1 Gang S	witch Plate	· .						\$2.92
			Quantity		Unit Price		Factor		Total	
		Installation		x	0.73	x	1.0000	=	\$2.92	÷.
118 16140	4112	EA 2 Gang S	Switch Plate	<u></u>						\$2.52
			Quantity		Unit Price		Factor		Total	
		Installation	2.00	x	1.26	x	1.0000	=	\$2.52	÷ .
119 16140	4131	EA 1 Gang,	302 Stainless S	teel Sv	vitch Plate Note	: With S	atin Finish			\$3.38
			Quantity		Unit Price		Factor		Total	
		Installation	1.00	X	3.38	x	1.0000	=	\$3.38	
120 16140	4134	EA 4 Gang,	302 Stainless S	teel Sv	witch Plate Note	: With S	atin Finish			\$22.86
and the second	12		Quantity		Unit Price		Factor		Total	
		Installation	2.00	x	11.43	X	1.0000	=	\$22.86	<u></u>
121 16140	4137	EA 1 Gang,	302 Stainless S	teel Du	uplex Receptaci	e Wall P	late Note: W	ith Satin F	inish	\$52.08
			Quantity		Unit Price		Factor		Total	
		Installation	14.00	х	3.72	x	1.0000		\$52.08	
122 16140	4203			proof C	over, For Vertic	al FS/FD) Mounting N	ote: Duple	X	\$610.30
		receptac	le Quantity		Unit Price		Factor		Total	
		Installation	17.00	x	35.90	x	1.0000	=	\$610.30	
123 16190	1111	EA One Hole	e Steel Conduit	Strap,	1/2"					\$82.08
			Quantity		Unit Price		Factor		Total	
		Installation	152.00	x	0.54	x	1.0000	=	\$82.08	
124 16190	1112	EA One Hole	e Steel Conduit	Strap,	3/4"					\$1.16
	· · ·		Quantity		Unit Price		Factor		Total	
		Installation	2.00	x	0.58	x	1.0000	=	\$1.16	
125 16190	1112	EA One Hole	e Steel Conduit	Strap,	3/4"					\$48.72
					0,1					
			Quantity		Unit Price		Factor		Total	
		Installation		X .		x	Factor 1.0000	=	Total \$48.72	
126 16190	1116	·····	Quantity		Unit Price 0.58	x		=		\$3.08
126 16190	1116	EA One Hole	Quantity 84.00		Unit Price 0.58	x	1.0000 Factor	· · ·	\$48.72 Total	\$3.08
<i>126</i> 16190	1116	EA One Hole	Quantity 84.00 e Steel Conduit Quantity 2.00	Strap, x	Unit Price 0.58 2" Unit Price 1.54	×	1.0000	· · ·	\$48.72	
-	2112	EA One Hole	Quantity 84.00 e Steel Conduit Quantity	Strap, x	Unit Price 0.58 2" Unit Price 1.54		1.0000 Factor	· · ·	\$48.72 Total	
-		EA One Hole Installation EA Rigid Ste	Quantity 84.00 e Steel Conduit Quantity 2.00	Strap, x mps, P ^r	Unit Price 0.58 2" Unit Price 1.54		Factor 1.0000 Factor	=	\$48.72 Total \$3.08 Total	
-		EA One Hold Installation EA Rigid Ste Installation	Quantity 84.00 e Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00	Strap, x nps, P [*] x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00		1.0000 Factor 1.0000	=	\$48.72 Total \$3.08	\$8.00
-		EA One Hold Installation EA Rigid Ste Installation	Quantity 84.00 Steel Conduit Quantity 2.00 eel Conduit Clar Quantity	Strap, x nps, P [*] x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00	x	1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00	\$8.00
127 16190	2112	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste	Quantity 84.00 e Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity	Strap, x nps, P [*] x mps, P [*]	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price	x	1.0000 Factor 1.0000 Factor 1.0000 Factor		\$48.72 Total \$3.08 Total \$8.00 Total	\$8.00
127 16190 128 16190	2112 2116	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation	Quantity 84.00 Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity 4.00	Strap, x mps, P ^r x mps, P x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07	x	1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00	\$8.00 \$12.28
127 16190	2112	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation	Quantity 84.00 e Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity	Strap, x mps, P ^r x mps, P x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07	x	1.0000 Factor 1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00 Total \$12.28	\$8.00 \$12.28
127 16190 128 16190	2112 2116	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation EA "J" Type	Quantity 84.00 E Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity 4.00 Conduit Hange Quantity	Strap, x mps, P ^r x mps, P x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07 10, 1" Unit Price	x x x	. 1.0000 Factor 1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00 Total \$12.28 Total	\$8.00 \$12.28
127 16190 128 16190 129 16190	2112 2116 2313	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation EA "J" Type Installation	Quantity 84.00 e Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity 4.00 Conduit Hange Quantity 10.00	Strap, x mps, P x mps, P x x ers, J12 x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07	x	1.0000 Factor 1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00 Total \$12.28	\$8.00 \$12.28 \$42.00
127 16190 128 16190	2112 2116	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation EA "J" Type Installation	Quantity 84.00 E Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity 4.00 Conduit Hange Quantity	Strap, x mps, P x mps, P x x ers, J12 x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07 10, 1" Unit Price 4.20	x x x	1.0000 Factor 1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00 Total \$12.28 Total \$42.00	\$8.00 \$12.28 \$42.00
127 16190 128 16190 129 16190	2112 2116 2313	EA One Hold Installation EA Rigid Ste Installation EA Rigid Ste Installation EA "J" Type Installation	Quantity 84.00 e Steel Conduit Quantity 2.00 eel Conduit Clar Quantity 4.00 eel Conduit Clar Quantity 4.00 Conduit Hange Quantity 10.00	Strap, x mps, P x mps, P x x ers, J12 x	Unit Price 0.58 2" Unit Price 1.54 1112, 3/4" Unit Price 2.00 1117, 2" Unit Price 3.07 10, 1" Unit Price	x x x	. 1.0000 Factor 1.0000 Factor 1.0000 Factor 1.0000		\$48.72 Total \$3.08 Total \$8.00 Total \$12.28 Total	\$3.08 \$8.00 \$12.28 \$42.00 \$2.80

Proposal Review - CSI Detail

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Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

Review: Mounts - Maintenance Building - 2/20/2008 2:19:22PM

<i>131</i> 16190	2743		C 15" Nyior	Cable Ties, 1	20# Te	nsile Strength					\$23.53
				Quantity		Unit Price		Factor		Total	
			Installation	1.00	x	23.53	х	1.0000		\$23.53	
132 16190	3102		EA 3/16" x 4		Includin	g Drilling In Con	crete, C	MU, Wood C	or Steel		\$49.02
				Quantity		Unit Price	·	Factor		Total	
			Installation	57.00	x	0.86	x	1.0000	35 .	\$49.02	
133 16190	3501		EA 5/16" x 1/			Screw Anchors					\$174.20
/00 10100	0001	,	EX 6/16 X 1	Quantity	ii ivan	Unit Price		Factor		Total	
			Installation	260.00	X	0.67	X	1.0000	=	\$174.20	
134 16190	4801		EA 1/4" Mult			epth In Concrete					\$1,394.05
				Quantity		Unit Price		Factor		Total	
			Installation	245.00	x	5.69	x	1.0000	=	\$1,394.05	
135 16190	5131	·····	EA 3/8" Was								\$12.00
100 10100	5151		LA 3/0 Wa3			Unit Price		Factor		Total	
			Installation	Quantity 50.00	x	0.24	X	1.0000	=	\$12.00	
136 16430	1221					V, 1 Phase, KW					\$130.50
130 10430	1221		EA TOUATO		01 240		IT MICLO	Factor		Total	
4			Installation	Quantity	x	Unit Price 130.50	x	1.0000	=	\$130.50	
107 10450	1000			1.00		er-Clad Ground					\$199.68
137 16452	1002		EA 5/8" Dian		ig Copp		NUUS	Fester		Total	<i><i>w</i></i> ,00,00
			Installation	Quantity	~	Unit Price 49,92	x	Factor 1.0000	=	\$199.68	
100 10150	4002			4.00	X			1.0000			\$3,372.84
138 16452	1003		EA 3/4" Dian		ig Copp	er-Clad Ground	Nus	Feeter		Total	φ0,07 <u>2</u> .01
			Installation	Quantity		Unit Price 62.46	x	Factor 1.0000	=	\$3,372.84	
		·····		54.00	X						\$375.30
139 16471	4111		EA 1 Pole, 1 Capacity	20/240 Volt, 1	5-60 A,	Branch Circuit E	sreaker,	10,000 Amp	menupm	9	ψ070.00
		-		Quantity		Unit Price		Factor		Total	
			Installation	15.00	х	25.02	х	1.0000	=	\$375.30	
140 16471	4111	4191	EA For Bolt-	On, Add							\$88.05
				Quantity		Unit Price		Factor		Total	
		· · · ·	Installation	15.00	x	5.87	х	1,0000	=	\$88.05	·
141 16471	4121		EA 2 Pole, 1	20/240 Volt, 1	5-60 A,	Branch Circuit I	Breaker,	10,000 Amp	Interruptin	g .	\$135.18
			Capacity	Quantitu		Unit Price		Factor		Total	
			Installation	Quantity 3.00	x	45.06	х	1.0000	=	\$135.18	
140 16471	4121	4191	EA For Bolt-	······································		+0.00			······	······································	\$29.25
142 16471	4121	4151				Unit Price		Factor		Total	
	4.1					Unit Price		Facili		\$29.25	
			Installation	Quantity	~		Y ·		=	\$Z9.Z0	
440 40474	4202		Installation	3.00	X	9.75	X	1.0000		φ29.20	\$737.99
<i>143</i> 16471	4323		EA 2 Pole, 2	3.00				1.0000		φ29.20	\$737.99
<i>143</i> 16471	4323		EA 2 Pole, 2 Capacity	3.00		9.75		1.0000 8,000 Amp II Factor	nterrupting	Total	\$737.99
<i>143</i> 16471	4323		EA 2 Pole, 2	3.00 40 Volt, 110-1		9.75 ranch Circuit Br		1.0000 8,000 Amp II	nterrupting		,
	4323	4391	EA 2 Pole, 2 Capacity	3.00 40 Volt, 110-1 Quantity 1.00	25 A, B	9.75 ranch Circuit Br Unit Price	eaker, 1	1.0000 8,000 Amp II Factor	nterrupting	Total	,
		4391	EA 2 Pole, 2 Capacity Installation EA For Bolt-	3.00 40 Volt, 110-1 Quantity 1.00	25 A, B	9.75 ranch Circuit Br Unit Price	eaker, 1	1.0000 8,000 Amp II Factor 1.0000 Factor	nterrupting =	Total \$737.99 Total	7
		4391	EA 2 Pole, 2 Capacity Installation EA For Bolt- Installation	3.00 40 Volt, 110-1 Quantity 1.00 Dn, Add Quantity 1.00	25 A, B x x	9.75 ranch Circuit Bri Unit Price 737.99 Unit Price 99.11	eaker, 1 x x	1.0000 8,000 Amp In Factor 1.0000 Factor 1.0000	nterrupting = =	Total \$737.99 Total \$99.11	\$99.11
<i>144</i> 16471		4391	EA 2 Pole, 2 Capacity Installation EA For Bolt- Installation EA 225 Amp	3.00 40 Volt, 110-1 Quantity 1.00 On, Add Quantity 1.00 , 36 Inch Total	25 A, B x x	9.75 ranch Circuit Bri Unit Price 737.99 Unit Price	eaker, 1 x x	1.0000 8,000 Amp In Factor 1.0000 Factor 1.0000	nterrupting = =	Total \$737.99 Total \$99.11	\$99.11
<i>143</i> 16471 <i>144</i> 16471 <i>145</i> 16471	4323	4391	EA 2 Pole, 2 Capacity Installation EA For Bolt- Installation EA 225 Amp	3.00 40 Volt, 110-1 Quantity 1.00 Dn, Add Quantity 1.00	25 A, B x x	9.75 ranch Circuit Bri Unit Price 737.99 Unit Price 99.11	eaker, 1 x x	1.0000 8,000 Amp In Factor 1.0000 Factor 1.0000	nterrupting = = Main Break	Total \$737.99 Total \$99.11	\$737.99 \$99.11 \$2,359.63

Proposal Review - CSI Detail

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Job Order Number: 07316

Job Order Name: Mounts - Maintenance building

Mounts - Maintenance Building - 2/20/2008 2:19:22PM **Review:**

			v Total	<u>, , , , , , , , , , , , , , , , , , , </u>			·				\$23	9,956.0
										Subtotal for 1	6 \$:	34,919.3
152	16530	2315		EA Install	Polycarbo	Wattage at 90 onate Heads V Quantity 5.00	Minute Vith 12 X	s, Painted Stee Watt Lamps, 12 Unit Price 546.86	I Housir 2 Volt O x	ig Note: Two Adjustable utput Factor 1.0000 =	Total \$2,734.30	\$2,734.3
				Install	ation	Quantity 2.00	x	Unit Price 255.40	x	Factor 1.0000 =	Total \$510.80	
151	16530	1521	5	Install	ation	Quantity 3.00	X	Unit Price 262.16 Pack, Self Test	x ing Note	Factor 1.0000 = e: Die-cast aluminum ho	Total \$786.48 using	\$510.8
150	16510	5222		EA		, Wet Locatio ectronic balla		Resistant Fluore	escent F	ixture Note: 4 32 W T8		\$786.4
1.1		• 2		Install	ation	Quantity 2.00	×	Unit Price 6.67	X	Factor 1.0000 =	Total \$13.34	
149	16510	5141	5194	EA	For Wall N	Mounted, Add				-		\$13.3
				Install	ation	Quantity 2.00	x	Unit Price 95.05	x	Factor 1.0000 =	Total \$190.10	
148	16510	5141		EA	70W HPS	Ceiling Mour	ited Cas	st Metal Guard	Vapor T	ight Fixture		\$190.1
	•			Install	ation	Quantity 8.00	x ·	Unit Price 171.45	x	Factor 1.0000 ⁼	Total \$1,371.60	
147	16510	1542		EA	96" 4 Lam electronic		ustrial F	luorescent Fixtu	ire 4 32	W T8 Lamps Note: Wit		\$1,371.6
		-		Install	ation	44.00	x	69.02	x	1.0000 =	\$3,036.88	
146	16510	1413		EA	ballast.	Quantity	ցու Բան	Unit Price	, 1 70 L	amp Note: With electro Factor	Total	\$3,036.8

Proposal Review Total

This job 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.

Proposal Review - CSI Detail

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DATE	GC 06 - SBE Estimate							
March 03, 2008								
Job# 07316 Loc# 75	Agriculture Complex Mounts - Maintenance building							
SUBMITTED BY	HA Contracting Corp. 9500 NW 12th Street Miami, FL 33172	Contract: R-2007-0944 Awarded: 06/19/2007						

Proposal Value: \$ 239,956.05

	·			
Contractor/Sub-Contractor	Trade	SBE Status	SBE \$	% of Job
Andrea Construction		SBE-Non MWBE	42,650.00	42,650.00
BK Electric		SBE-Non MWBE	25,875.00	25,875.00
Sampson Protective Coatings and		SBE-Non MWBE	1,700.00	1,700.00
Caulking				
Sean Brown Air Conditioning Inc.		SBE-Non MWBE	7,378.00	7,378.00

Total estimate SBE participation

0%

GC 06 - SBE Estimate

Estimated Participation

100%

4

ATTACHMENT # 4

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32.34%

PAGE 01

Budget Availability Statement

REQUEST DATE: March 12, 2008

REQUESTED BY: Pat D'Angelo

PHONE#: (561) 233-2051

Project No: 07316

PROJECT TITLE: Mounts - Maintenance building LOCATION #: 75 LOCATION DESCRIPTION: Agriculture Complex ORIGINAL CONTRACT/ANNUAL AMOUNT:

BCC RESOLUTION # / DATE: R-2007-0944 dated 06/19/2007

CSA/LOA/CHANGE ORDER AMOUNT: CSA/LOA/CHANGE ORDER NUMBER: Work Order #: 08-026 CONTRACTOR/CONSULTANT NAME: HA Contracting Corp.

PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR:

Provide a metal maintenance building for the Cooperative Extension.

WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT? Yes

IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

CONSTRUCTION ARCHITECT/ENGINEER	239,956.05 3,599.34	1.5% WORK ORDER AN	OUNT FOR TGG FEE
*STAFF COSTS	0.00		
EQUIPMENT/OTHER	0,00		1
CONTINGENCY	6,442.82		•
	\$249 998.21		

TOTAL:

\$249,998.21

* By signing this BAS your department agrees to these staff costs and your account will be charged upon receipt of this BAS by FD&O. Unless there is a change in the scope of work, no additional staff charges will be billed.

BUDGET ACCOUNT NUMBERS (IDENTIFY ALL SOURCES): FUNDING SOURCE (CHECK ALL THAT APPLY)

3900-101-AG12-6502

FEDERAL/DAVIS BACON AD VALOREM OTHER (AG)

SUPPLEMENTAL AGREEMENT TO BE APPROVED BY:

BCC (WO > \$100,000)

ANTICIPATED DATE OF APPROVAL:ASAP

BAS APPROVED BY: Audrey R. Norman ENCUMBRANCE NUMBER: <u>3900 - 101 - AG 12 - 6502</u>

DATE:

3/12/2008

ATTACHMENT #5