# PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY



Meeting Date: April 21, 2009

[ 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. 09-074 with M.A.C. Construction, Inc., (R2007-0949) in the amount of \$458,168.77 for replacement of two main air handler units for the first floor of the State Attorney/Public Defender Building.

**Summary:** The work consists of replacement of each of the existing air handler units for the first floor including all associated plumbing and electrical, replacement of the existing fresh air supply fan on the roof, replacement of the roof-top bathroom exhaust fan, and the addition of taps for both the supply and return chilled water lines for future AHU replacements for the other five floors. The SBE participation in this work order is 6.24%. When the participation for this work order is added to M.A.C.'s total participation-to-date, the resulting values are 18.97%. The SBE goals are 15%. The total construction duration is 180 days. This work will comply with all applicable local, state, and federal codes and regulations. All funding for this project is from the Five year Countywide Repair, Replace and Renovate account. **(FD&O Admin) District 7 (JM)** 

**Background & Justification:** The air conditioning equipment in this building is almost 20 years old, is past its useful life, and is increasing expensive to maintain as parts are no longer readily available. This will be the first phase of a planned replacement of the equipment on all six floors. The new equipment will meet the current fresh air make-up Indoor air quality code requirements, necessitating the change out of the fresh air supply fan and bathroom exhaust fans on the roof. Adding the taps for future work on the other floors while the A/C system is turned off for this work, will allow future replacements with minimal disruption.

#### **Attachments:**

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

Approved by:

Hypert Hy

#### II. FISCAL IMPACT ANALYSIS

#### A. Five Year Summary of Fiscal Impact:

Fiscal Year	2009	2010	2011	2012	2013
Capital Expenditures Operating Costs	\$.1510896. 0	57 0 0	0 0	0 0	0
External Revenues Program Income (County) In-Kind Match (County)	0 0 0	· 0 0 0	0 0 0	0 0 0	0 0 0
NET FISCAL IMPACT	\$510,896	.57 O	0	0	0
# Additional FTE Positions (Cumulative)	_		_	- -	
Is Item Included in Curr	ent Budget? Yes _>	<u>X</u> No _			
Budget Account No:	3804-411-B386-49 3804-411-B440-49 3804-411-B233-40	907 (\$10	54,440.00) 00,000.00) 56,456.57)	)	

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B.	Recommended	<b>Sources</b>	of F	unds/Summar	of Fiscal	Impact
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These funds are Ad valorem ta	argeted for maintenance
Construction	
Contingency	59,727.80
Total Fiscal Impact.	510,896.57

C.	<b>Departmental Fiscal Revie</b>	w:	

#### **III. REVIEW COMMENTS**

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

OFMB (WAS CWANNER	Contract Dev. and Control
. Legal Sufficiency:	This item complies with current County policies.

Assistant County Attorney

A. Other Department Review:

Department Director

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

# March 26, 2009 JOC Work Order Job Order Construction Services SA/PD - First Floor HVAC State Attorney Building 401 North Dixie Highway, West Palm Beach Fl 33401

Brief Description: Remove and replace existing air handlers in the State Attorney building. Including all associated

high and low voltage electrical wiring and all controls and associated wiring. Remove and replace existing chilled water piping per the Gartek design.

Contractor:

M.A.C. Construction, Inc.

9500 N.W. 12 Street

Miami, FL 33172

Contract:

R-2007-0949 Dated June 19, 2008

AMOUNT:

\$ 458,168.77

DISTRICT: 7

Funding:

3804-411-B386-4907 \$254440.; \$3804-411-B440-4907 \$100000.;

3804-411-B233-4610 \$156456.57

JOC Work Order #: 09-074

**Project Duration:** 

6 Months

M.A.C. Construction, Inc.

(Liquidated damages will apply)

**Approval Signatures** 

Allen Padilla, Project Coordinator	Mentalle 3/30/09
Audrey Wolf, Director	Date 10/01 7 181/09
Facilities Development & Operations	Date
Chair	(NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000)
Contract Review Committee	Date
Approved as to form and legal sufficiency	
County Attorney	Date
John F. Koons, Chairman	
Board of County Commissioners	Date
President	4 touch 1 to how 3 120 109

COPY: Project File

JOC Work Order

Page 1 of 1 3/26/2009

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

ATTACHMENT # /

#### **Job Order Contract**

#### Proposal Review - CSI Summary

Date

March 30, 2009

Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC Review:

SAPD AHU Replacement - 3/25/2009 3:12:39PM

·
Subtotal for 01 \$77,033.4
Subtotal for 02 \$762.8
Subtotal for 05 \$10,165.9
Subtotal for 08 \$1,631.0
Subtotal for 09 \$1,353.1
Subtotal for 13 \$22,526.0
Subtotal for 15 \$272,826.6
Subtotal for 16 \$71,869.6
\$458,168.7

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.



## Job Order Contract Proposal Review - CSI Detail

Date

**Date** March 30, 2009 **Job Order Number:** 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review:

SAPD AHU Replacement - 3/25/2009 3:12:39PM

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3/30/2009

Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

\$2,557.73					UH	r Prote	lywood For Floo	SF 1/2" F	5302	1560	
•	Total		Factor		Unit Price		Quantity				
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\$381.44 \$762.83 \$6,353.03 \$3,393.8	Total \$381.44 ess sed Total \$381.44  Total \$381.44  Total \$6,353.03	charge is less buld not be us  tal for 02	Factor 1.1001  core drilling is item sho Factor 1.1001  Subtor  Factor 1.1001	x e the total cusively. The	this item exclus in this section Unit Price 346.73 r projects where this item exclusions in this section Unit Price 346.73 eel Angles Unit Price 5,774.96	arge. Use their ite    x   harge F   arge. Use   y other    x   Shape    x   n   B" Wide	he minimum chanction with any of Quantity 1.00 Drill Minimum Clane minimum chanction with any Quantity 1.00  LB/LF Double L S Quantity 1.00 ands for mech mention with minimum chanction with any Quantity	Installation  EA Core than in core in core  Installation  TON 0-20  Installation  AHU slab st  LF Unist	1331	<b>on 05</b> 05120	<b>Sec</b> 1
\$381.44 \$762.83 \$6,353.03 \$3,393.8	Total \$381.44 ess sed Total \$381.44  Total \$381.44	charge is less buld not be us  tal for 02	Factor 1.1001  core drilling is item sho Factor 1.1001  Subtor  Factor 1.1001	x e the total cusively. The	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73 reel Angles Unit Price 5,774.96 recommendations in this sect Unit Price 5,774.96 recommendations in this sect Unit Price 5,774.96 recommendations in this sect Unit Price 6.17	x harge Farge. Usy other x  Shape : x  x  x  Shape : x  x	he minimum chanction with any of Quantity 1.00 Drill Minimum Clahe minimum chajunction with any Quantity 1.00  LB/LF Double L Signal Countity 1.00 ands for mech more than 1-5/8 Quantity 500.00	TON 0-20 Installation  TON 0-20 Installation  AHU slab st  Installation	1331	on 05 05120 05506	20 21
\$381.44 \$762.83 \$6,353.03 \$3,393.8	Total \$381.44 ess sed Total \$381.44  Total \$381.44  Total \$6,353.03	charge is less buld not be us  tal for 02	Factor 1.1001  core drilling is item sho  Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001	x e the total cusively. The	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73.  eel Angles Unit Price 5,774.96  to 1-5/8" High, 12 Unit Price 6.17 " Channel 1/4"	x harge Farge. Use the state of	he minimum chanction with any or Quantity 1.00 Drill Minimum Clanter minimum chance of the minimum chance of t	TON 0-20 Installation  TON 0-20 Installation  AHU slab st  Installation	1331	<b>on 05</b> 05120	20 21
\$381.44 \$762.83 \$6,353.03 \$3,393.84	Total \$381.44 ess sed Total \$381.44  Total \$381.44  Total \$6,353.03	= charge is less ould not be us  = tal for 02	Factor 1.1001  core drilling is item sho Factor 1.1001  Subtor  Factor 1.1001	x e the total cusively. The	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73 reel Angles Unit Price 5,774.96 recommendations in this sect Unit Price 5,774.96 recommendations in this sect Unit Price 5,774.96 recommendations in this sect Unit Price 6.17	x harge Farge. Use the state of	he minimum chanction with any of Quantity 1.00 Drill Minimum Clahe minimum chajunction with any Quantity 1.00  LB/LF Double L Signal Countity 1.00 ands for mech more than 1-5/8 Quantity 500.00	TON 0-20 Installation  TON 0-20 Installation  AHU slab st  Installation	1331	on 05 05120 05506	<b>eč</b> 1 20 21
\$381.44 \$762.83 \$6,353.03 \$3,393.84	Total \$381.44  PSS Sed  Total \$381.44  Total \$381.44  Total \$6,353.03  Total \$3,393.81  Total \$419.14	= charge is less ould not be us  = tal for 02	Factor 1.1001 core drilling his item sho Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001	x e the total cusively. The	this item exclus in this section Unit Price 346.73 If projects where this item exclusions in this sect Unit Price 346.73  The end of the exclusions in this sect Unit Price 346.73  The end of the exclusions in this sect Unit Price 5,774.96  The end of the exclusions in this sect Unit Price 5,774.96  The end of the exclusions in this sect Unit Price 6.17  The end of the exclusions in this sect Unit Price 6.17	sarge. Use their ite    x   harge F  arge. Use   y other   x   Shape   x   n   8" Wide   x   ing, 1-5	he minimum chanction with any of Quantity 1.00 Drill Minimum Clane minimum chance of the	TON 0-20 Installation TON 0-20 Installation AHU slab st LF Unist Installation EA Unist	1331	on 05 05120 05506	20 21
\$381.44 \$762.86 \$6,353.03 \$3,393.81	Total \$381.44  PSS Sed  Total \$381.44  Total \$381.44  Total \$6,353.03  Total \$3,393.81  Total \$419.14	= charge is less ould not be us  = tal for 02	Factor 1.1001 core drilling his item sho Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001	x e the total cusively. The	this item exclus in this section Unit Price 346.73 If projects where this item exclusions in this sect Unit Price 346.73  The end of the exclusions in this sect Unit Price 346.73  The end of the exclusions in this sect Unit Price 5,774.96  The end of the exclusions in this sect Unit Price 5,774.96  The end of the exclusions in this sect Unit Price 6.17  The end of the exclusions in this sect Unit Price 6.17	sarge. Use their ite    x   harge F  arge. Use   y other   x   Shape   x   n   8" Wide   x   ing, 1-5	he minimum chanction with any of Quantity 1.00 Drill Minimum Clane minimum chance of the	TON 0-20 Installation TON 0-20 Installation AHU slab st LF Unist Installation EA Unist	1331	on 05 05120 05506	20 21 22
\$381.44 \$762.86 \$6,353.03 \$3,393.81	Total \$381.44  PSS Sed  Total \$381.44  Total \$381.44  Total \$6,353.03  Total \$3,393.81  Total \$419.14	= charge is less ould not be us  = tal for 02	Factor 1.1001 Core drilling dis item sho Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001  Factor 1.1001  Subtor  Subtor  Factor 1.1001	x e the total cusively. The	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73 reel Angles Unit Price 5,774.96 received the section of the secti	starge. Use the rite of the ri	he minimum chanction with any of Quantity 1.00 Drill Minimum Clane minimum chance of the	conju Installation  EA Core than in core Installation  TON 0-20 Installation AHU slab st LF Unist Installation EA Unist Installation	1331	<b>on 05</b> 05120 05506	20 21 22
\$762.86 \$762.86 \$6,353.03 \$3,393.81 \$419.14	Total \$381.44  PSS Sed  Total \$381.44  Total \$381.44  Total \$6,353.03  Total \$3,393.81  Total \$419.14	charge is less build not be us  tal for 02  tal for 05	Factor 1.1001 core drilling his item sho Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001  Factor 1.1001  Subto	x e the total cusively. The cusively. The cusively. The cusively are cusively. The cusively are cusively. The cusively are cusively. The cusively are cusively.	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73.  eel Angles Unit Price 5,774.96 reprojects where this item exclusions in this sect Unit Price 6.17.  " Channel 1/4" Unit Price 1.27.  ss Steel With Louit Price 1.27.	stainer Use the stainer of the stain	he minimum chanction with any or Quantity 1.00 Drill Minimum Clahe minimum chanction with any Quantity 1.00  LB/LF Double L S Quantity 1.00  ands for mech record control of the control o	conju Installation  EA Core than in core Installation  TON 0-20 Installation AHU slab st LF Unist Installation EA Unist Installation	1331 1011 3011	on 05 05120 05506 05506	20 21 22
\$762.86 \$762.86 \$6,353.03 \$3,393.81 \$419.14	Total \$381.44  PSS Sed  Total \$381.44  Total \$3,393.81  Total \$419.14  \$1  Total \$419.14	charge is less build not be us  tal for 02  tal for 05	Factor 1.1001 core drilling dis item sho Factor 1.1001  Subtor  Factor 1.1001  Factor 1.1001  Factor 1.1001  Subto	x e the total cusively. The cion.  x  x  x  x  x  x  x  x  x  x  x  x  x	this item exclus in this section. Unit Price 346.73 reprojects where this item exclusions in this sect Unit Price 346.73 reel Angles Unit Price 5,774.96 received and the section of the s	sarge. Use the rite of the rit	he minimum chanction with any or Quantity 1.00 Drill Minimum Clahe minimum chanction with any Quantity 1.00  LB/LF Double L S Quantity 1.00  ands for mech rate Channel 1-5/8 Quantity 500.00 rut Nut With Sprii Quantity 300.00	Installation  EA Core than in core in core in stallation  TON 0-20  Installation  AHU slab st  LF Unist  Installation  EA Unist  Installation  EA Unist	1331 1011 3011	on 05 05120 05506 05506	20 21 22

3/30/2009

Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AH

SAPD AHU Replacement - 3/25/2009 3:12:39PM

						Like Could BEEL	4		ion 09	Sec
\$		SF	Existing, To 10	Match	Patch Hole To	SF Cut And		1821	09945	24
actor Total	Factor		Unit Price		Quantity					
.1001 = \$1,353.12	1.1001 =	х	4.92	X	250.00	Installation		···		
ubtotal for 09 \$1	Subtota									
The second secon	100 C		Maria II						ion 13	Sec
\$1:	3	35983BL335555	1-1-19-47785-PV-991-784057-98840-9	100000000000000000000000000000000000000	ontrol Module	EA DDC Co		9803	13847	25
*	Factor		Unit Price		Quantity					
.1001 = \$12,844.75	1.1001 =	х	5,837.99	Х	2.00	Installation				
\$	-		e	er Modul	emote Controlle	EA DDC Re		9806	13847	26
	Factor		Unit Price		Quantity	lantallatia				
		Х	3,218.70	Х	2.00	Installation		0400	42054	
\$3		1 500-89	del ALD-2I, P/N	cuits) Mo		EA Analog		6168	13851	27
	Factor = 1.1001 =	.,	Unit Price	v	Quantity	Installation				
Ψ2,000.40	1.1001	х	590.74	X	4.00	circuit setters				
Subtotal for 13 \$22	Subtota			· · · · · · · · · · · · · · · · · · ·						
Judicial for 13 \$22.	Subtota	Maria de la		antenat			A PROPERTY.		ion 15	Sec
	ALL I	04:-1	0	- D		EA 1-1/4" C		2004	15042	
th Arrow Tape Over	tick-on With Arrow	er Stick	-Sensitive iviark	er Press		Insulation		2004	15042	20
	Factor		Unit Price		Quantity	Installation				
·	1.1001 =	X	5.91	X	50.00			1005	15043	
				st Fan	ng Roof Exhau	EA Balanci		1005	15045	29
	Factor 1.1001 =	x	Unit Price 123.45	x	Quantity 2.00	Installation				
,1001	1.1001		123.43		ng Central A/Ç	EA Balanci		2001	15043	30
	Factor		Unit Price	Otation	Quantity					
		x	321.10	x	2.00	Installation				
Return, Exhaust,	2' Supply, Return, E	> 12' S	Ceiling Height	System	ng HVAC Duct	EA Balanci		3002	15043	31
Factor Total	Factor		Unit Price		r And Diffuser Quantity	Registe				
		x	51.44	х	2.00	Installation				
	· · · · · · · · · · · · · · · · · · ·				e Dampers	EA Balance		3012	15043	32
-actor Total	Factor		Unit Price		Quantity					
.1001 = \$194.06		х	7.35	х	24.00	Installation				
\$	Pipe	ter Pipe	Of 2" - 4" Diame	250 LF (	tatic Test, 101-	EA Hydrost		1322	15048	33
	Factor		Unit Price		Quantity	Installation				
······		X	544.69	X	2.00	· · · · · · · · · · · · · · · · · · ·		3318	15061	34
lot Including Hangers \$	IM A-53, Not includ	ASIM	nd Schedule 40	Plain E		LF 4" (10 c Or Fittir		3310	15001	34
	Factor		Unit Price		Quantity					
.1001 = \$5,328.88	1.1001 =	X	24.22	X	200.00	Installation	2004	2240	15001	25
				ı Workin	rk In Restricted	LF For Wo	3991	3318	15061	33
<b>*</b>	Factor 1.1001 =	v	Unit Price 3.07	v	Quantity	Installation				
\$		X Neight	oow, Standard V	X Weld Fil	200.00 cm) 90 Degree '			3338	15061	36
	Factor	. J.giii	Unit Price		Quantity					
		x	174.27	x	8.00	Installation				

Proposal Review - CSI Detail

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Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

\$378.26					g Space, Add	Workin	k In Restricted	EA For Worl	3991	3338	15061	37
	Total \$378.26		Factor 1.1001	x	Unit Price 42.98	x	Quantity 8.00	Installation				
\$188.65			· · · · · · · · · · · · · · · · · · ·		1" (10 cm) Black	·		EA Cut And		3819	15061	38
·	Total	•	Factor		Unit Price	ŭ	Quantity					
	\$188.65	=	1.1001	x	14.29	x	12.00	Installation	·			
\$7,153.64	Veight	ndard W	Steel, Stan	Flanged	cer, Concentric,	n) Redu	10 cm x 76 mr	EA 4" x 3" (		4762	15061	39
	Total		Factor		Unit Price		Quantity					
	\$7,153.64	=	1.1001	X .	812.84	х	8.00	Installation				
\$3,002.26						Grooved	ype Strainer, (	EA 2" Tee T		8722	15061	40
	Total		Factor		Unit Price		Quantity	Installation				
	\$3,002.26	=	1.1001		682.27	х	4.00	Installation			1.000	
\$2,322.09				ig Type L	pper Pipe/Tubir	mm) C		LF 2" Inside		1108	15063	41
	Total		Factor		Unit Price		Quantity	Installation				
	\$2,322.09		1.1001	х	17.59	X	120.00		2000	1100	15062	42
\$137.29			. <u>_</u> .		•	vvorkin	k In Restricted	LF For Worl	2006	1108	15063	42
	Total \$137.29		Factor 1.1001	v	Unit Price		Quantity	Installation				
<b>\$4.022.42</b>			1.1001	х	1.04	X	120.00			2117	15063	43
\$1,033.43			<b>5</b>			opper	gree Elbow, C	EA 2 90 De		2117	15005	75
	Total \$1,033.43		Factor 1.1001	<b>X</b>	Unit Price 42.70	x	Quantity 22.00	Installation				
\$182.24	<b>\$1,000.10</b>	-	1.1001				k In Restricted	EA For Worl	2006	2117	15063	44
Ψ102.24	Total		Factor		Unit Price	VVOIKIII	Quantity	270 101010				
	\$182.24		1.1001	X	7.53	x	22.00	Installation	*			
\$909.96							er Tee - Straig	EA 2" Coppe		2158	15063	45
<b>V</b>	Total	r	Factor		Unit Price		Quantity					
	\$909.96		1.1001	x	68.93	x	12.00	Installation				
\$149.83					g Space, Add	Workin	k In Restricted	EA For Worl	2006	2158	15063	46
	Total	r	Factor		Unit Price		Quantity					
	\$149.83	=	1.1001	x	11.35	x	12.00	Installation				
\$248.18					ucer, Grooved	tric Rec	opper Concer	EA 3" x 2" C		6172	15063	47
	Total		Factor		Unit Price		Quantity					
	\$248.18	=	1.1001	x	56.40	Х	4.00	Installation		*.		
\$806.68					cket Weld	le 40 S	, PVC Schedu	EA 4" Union		6339	15064	48
	Total		Factor		Unit Price		Quantity	L. C. HP.				
	\$806.68	. =	1.1001	x	91.66	х	8.00	Installation used for black v				
							<del></del>		0404	6330	15064	40
\$156.48			_			Workir	k In Restricted	EA For Worl	9401	6339	15004	49
	Total \$156.48		Factor		Unit Price		Quantity	Installation				
<b>#0.004.44</b>	\$130.46		1.1001	X POLO PL	17.78	X	8.00			5332	15066	50
\$2,381.41	÷.,			PSIG, BI	uid Filled, 6000	uge, Lic		EA . 1/4" NP		3332	15000	50
	Total \$2,381.41		Factor 1.1001	x	Unit Price 270.59	x	Quantity	Installation				
\$691.21					ngle Stem, Adju		8.00	<del></del>		2302	15080	51
ψ <del>υσ</del> 1.Ζ1	ory, with	UI INICICL	auouidi VVIU		n For Thermowe							
	Total		Factor		Unit Price		Quantity <sub>.</sub>	Installation				
	\$691.21		1.1001	Х	78.54	X	8.00			250:	45000	
\$91.09			_			el 3" (76	1/4", Black Ste	EA Nipple, 1		3504	15080	52
	Total		Factor		Unit Price		Quantity	Installation				
	\$91.09		1.1001	X	5.52	Х	15.00	installation				

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Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

≀evi	ew:		SAPD	AHU Replacemer	nt - 3/25/200	9 3:	12:39PM					
53	15094	2705		EA 4" Forged	Steel Clevis	<b>V</b> ith Pi	in Type 14					\$6,969.35
				Installation	Quantity 40.00	x	Unit Price 158.38	x	Factor 1.1001	=	Total \$6,969.35	
54	15094	2708		EA 8" Forged	Steel Clevis							34,944.90
				_	Quantity		Unit Price		Factor		Total	
				Installation	40.00	x	794.13	x	1.1001	=	\$34,944.90	
55	15094	2708	5391	EA For Work	In Restricted	Workir	ng Space, Add					\$234.54
					Quantity		Unit Price		Factor		Total	
				Installation	40.00	X	5.33	х	1.1001	=	\$234.54	
56	15094	4132		EA 1/2" Was	her, Flat							\$137.18
				lmatallation	Quantity		Unit Price		Factor	_	Total	
				Installation	430.00	х	0.29	Х	1.1001	=	\$137.18	
57	15094	4132	4138	EA For Galva	anized, Add							\$0.00
				Installation	Quantity		Unit Price		Factor	_	Total	
	45004	1400	5004	Installation	0.00	X	0.03	X	1.1001		\$0.00	40.00
58	15094	4132	5391	EA For Work		Workir	ng Space, Add					\$0.00
				Installation	Quantity		Unit Price		Factor 1.1001	=	Total \$0.00	
<i>E</i> 0	15004	E245			0.00	X	0.05	<u> </u>	1.1001		Ψ0.00	<b>65575</b> 0
29	15094	5345		EA 4" Pipe S		9 (For	1-1/2" Insulation	)	<b></b> .		<b></b>	\$557.53
				Installation	Quantity		Unit Price	.,	Factor 1.1001	=	Total \$557.53	
60	15094	5345	5391		40.00	X	12.67	X	1,1001		Ψ001.00	\$0.00
00	13094	5545	3391	EA FOI VVOIR		VVOIKII	ng Space, Add		Fastar		Total	φυ.υι
				Installation	Quantity 0.00	x	Unit Price 2.23	x	Factor 1.1001	=	\$0.00	
61	15101	1305		EA 4" Gate \			eaded, 125# Bro				<b>,</b> - · - ·	\$8,595.17
٠.		,000		- Julio	Quantity	4y, 11111	Unit Price	1120 1410	Factor		Total	40,000.11
				Installation	12.00	x	651.09	x	1,1001	=	\$8,595.17	
62	15104	1101		EA 1/2" Ball		Body, T	hreaded Or Swe	eated, 1	25#, Regular I	ort		\$400.22
					Quantity	•	Unit Price		Factor		Total	
				Installation	17.00	x	21.40	х	1.1001	= ,	\$400.22	
63	15161	4403		EA 550-1920	0# Rubber In S	hear V	ibration Isolation	With 0	.48" Deflection	n <sub>.</sub>		\$5,303.19
					Quantity		Unit Price		Factor		Total	
				Installation	16.00	х	301.29	х	1.1001	=	\$5,303.19	
64	15185	1304		LF 1-1/4" Di	ameter Pipe, 1	-1/2" 7	hick Fiberglass	Insulati	on			\$849.28
					Quantity		Unit Price		Factor		Total	
				Installation	100.00	X	7.72	Х	1.1001	=	\$849.28	
65	15185	1304	1999	LF For Worl	In Restricted	Worki	ng Space, Add					\$18.09
				in stallation	Quantity		Unit Price		Factor	_	Total	
				Installation	12.00	Х	1.37	х	1.1001		\$18.09	
66	15772	3004		EA 2 Ton Si Heat	ngle Package	Heat P	ump, Vertical W	all Unit,	Air To Air Typ	e Wi	th Electric	\$11,472.44
				ricat	Quantity		Unit Price		Factor		Total	
			···	Installation	2.00	х	5,214.27	X	1.1001	=	\$11,472.44	
67	15830	1302				15 HP	Propeller Exhau	st Fan,	Roof Mounted	l, 1/2'	' Static	\$11,891.62
				Pressure	e Quantity		Unit Price		Factor		Total	
				Installation	2.00	x	5,404.79	x	1.1001	=	\$11,891.62	
68	15832	1107		EA 46" x 46			ke Roof Ventilato				num,	\$2,746.73
					Birdscreen				•.			,
				Installation	Quantity	,.	Unit Price		Factor 1.1001	=	Total \$2,7 <b>4</b> 6.73	
				motanativii	2.00	X	1,248.40	X	1.1001		Ψ2,170.10	

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Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

101	ew:		SAPD	AHU Replaceme	nt - 3/25/200	19 3:	12:39PM	·			
69	15834	1137			Draw-Through		andling Unit, Bu	ilt-Up, C			\$29,692.78
				Installation	Quantity 2.00	x	Unit Price 13,495.49	x	Factor 1.1001 =	Total \$29,692.78	
70	15834	1137	1451	EA For Chill			, Aluminum Fins				\$9,430.83
					Quantity		Unit Price		Factor	Total	
				Installation	2.00	x	4,286.35	X	1.1001 =	\$9,430.83	
71	15834	1137	1476	EA For Eco	nomizer, Includ	ing Par	nel, Controls And	d Dampe	er(s), Add		\$5,244.3
					Quantity		Unit Price		Factor	Total	
		<u>.</u>		Installation	2.00	х	2,383.58	х	1.1001 =	\$5,244.35	
72	15836	1005		EA 2000 CF Unit		Ventila	tor, Horizontal, (	Classroo		lf-Contained	\$11,341.3
				Installation	Quantity		Unit Price		Factor 1.1001 =	Total \$11,341.35	
				OAU 1 & 2	2.00	Х	5,154.69	X	1.1001	φ11,0 <del>4</del> 1.00	
73	15840	1503				High P	ressure, Field Fa	abricated	d, Galvanized, I	Field Assemble	\$80,160.99
					Quantity		Unit Price		Factor	Total	
				Installation	10,700.00	X	5.50	×	1.1001 =	\$64,740.89	
7.1	45040	4500	0404	Demolition	10,700.00	X	1.31	X	1.1001 =	\$15,420.10	
14	15840	1503	3101	LB For Wor	k In Restricted	Workin					\$15,890.9
				Installation	Quantity		Unit Price		Factor	Total \$15,890.94	
75	15863	1003			10,700.00	X	1.35		1.1001 =	\$15,690.94	#000 O
, ,	15005	1005		EA 10 X 10	" Barometric Da	amper			<b>-</b>	· ÷	\$922.9
				Installation	Quantity 4.00	×	Unit Price 209.73	x	Factor 1.1001 =	Total \$922.90	
76	15869	1204		EA 12" Diar	neter Inlet, 325		CFM, Variable				\$772.03
				Controlle	Quantity		Unit Price		Factor	Total	
				Installation	2.00	X	350.89	х	1.1001 =	\$772.03	
77	15869	1204	1212	EA For Hot	Water Coils, Ad	id					\$0.0
					Quantity		Unit Price		Factor	Total	
				Installation	0.00	х	40,55	х	1.1001 =	\$0.00	
78	15920	1101		EA 3 Analog	g Input, 8 Digita	l Outpu	it Stand Alone U	Jnit Cont	roller		\$1,124.43
				lantallation	Quantity		Unit Price		Factor	Total	
				Installation	2.00	.X	511.06	х	1.1001 =	\$1,124.43	
79	15920	2101		EA Configu	ration Software						\$642.12
				Installation	Quantity		Unit Price		Factor	Total	
00	15020	2404			1.00	X	583.69	Х	1.1001 =	\$642.12	
00	15920	3101		EA Room T	emperature Se	nsor W					\$804.17
				Installation	Quantity		Unit Price		Factor	Total \$804.17	
81	15938	3205			4.00	X	182.75	X	1.1001 =	\$004.17	<b>A4 004 0</b>
01	15550	3203		EA 2 mee		ontroi	Valve, Brass, Ti	nreaded,		·	\$1,261.9
				Installation	Quantity 2.00	x	Unit Price 573.55	v	Factor 1.1001 =	Total \$1,261.92	
82	15939	1002		EA Modutro		ne Volta	age Application	X For 14"	_		\$1,237.9
					Quantity	ISIDIC	Unit Price		Factor	Total	
				Installation	2.00	X .	562.66	х	1.1001 =	\$1,237.96	

Proposal Review - CSI Detail

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## Proposal Review - CSI Detail (Continued) Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

tev	CAA.		OALD	And Replaceme	nt - 3/23/200	<i>)</i> 9 3	. 12.39PW					
83	16120	1222		MLF #14 AW	G Cable - XLP	(XHHV	V), 600 V, Single	Strand	ed, Placed In	Conduit		\$42,339.77
				Installation	Quantity 80.00	x	Unit Price 481.09	<b>x</b> .	Factor 1.1001	=	Total \$42,339.77	
84	16120	1223		MLF #12 AW		(XHHV	V), 600 V, Single	Strand	ed, Placed In	Conduit		\$1,335.43
					Quantity		Unit Price		Factor		Total	
				Installation	2.00	X	606.96	х	1.1001	=	\$1,335.43	
85	16120	1224		MLF #10 AW	G Cable - XLP	(XHHV	V), 600 V, Single	Strand	ed, Placed In	Conduit		\$1,297.41
					Quantity		Unit Price		Factor		Total	
				Installation	1.50	X	786.24	Х	1.1001		\$1,297.41	
86	16120	1225		MLF #8 AWG	Cable - XLP ()	KHHW	), 600 V, Single	Strande	d, Placed in (	Conduit		\$1,954.72
				Installation	Quantity		Unit Price		Factor	_	Total	
07	16120	8308		<del></del>	1.90	X	935.19	X	1.1001		\$1,954.72	
07	10120	0300		CLF Red Tef		<i>i</i> auge	, Twisted Shielde	ed Solid				\$4,892.42
				Installation	Quantity	v	Unit Price 177.89	x	Factor 1.1001	=	Total \$4,892.42	
88	16131	2152			25.00	X na Sot	With Locknuts,					\$12.56
		2.02		271 1100 07-	Quantity	ng Sei	Unit Price	WOUTHE	Factor	i i iat vvai	Total	Ψ12.50
				Installation	2.00	×	5.71	X	1.1001	=	\$12.56	
89	16131	2171		EA RGS 1/2			With Locknuts, M				· · · · · · · · · · · · · · · · · · ·	\$652.14
					Quantity	•	Unit Price		Factor		Total	
				Installation	120.00	x	4.94	х	1.1001	=	\$652.14	
90	16131	2172		EA RGS 3/4	l" Steel Bushing	Set V	Vith Locknuts, M	lounted	Exposed On	Flat Wall		\$153.40
					Quantity		Unit Price		Factor		Total	
	···			Installation	24.00	х	5.81	Х	1.1001		\$153.40	
91	16131	2173		EA RGS 1"	Steel Bushing S	Set Wi	th Locknuts, Mo	unted E	xposed On Fl	at Wall		\$16.44
				Installation	Quantity		Unit Price		Factor	<u>-</u>	Total	
02	16131	2611			2.00	X	7.47	X	1.1001		\$16.44	00.445.46
32	10131	2011	• •	LF 1/2 EIVI	•	ntea E	exposed On Flat	vvali			<b>-</b>	\$6,445.49
				Installation	Quantity 3,150.00	x	Unit Price 1.86	x	Factor 1.1001	= -	Total \$6,445.49	
93	16131	2611	2649	LF For Inst	allation In Conc		<del></del>					\$0.00
					Quantity	, .	Unit Price		Factor		Total	*****
				Installation	0.00	x	0.24	x	1.1001	=	\$0.00	
94	16131	2611	2821	LF For Wor	k In Restricted	Worki	ng Space, Add					\$0.00
					Quantity		Unit Price		Factor		Total	
	10101			Installation	0.00	X	0.49	x	1.1001	=	\$0.00	**
95	16131	2611	2822	LF For Inst	allation Above 1	4' (4.3	3 m), Add					\$0.00
				Installation	Quantity		Unit Price		Factor		Total	
96	16131	2612			0.00	X	0.24	X	1.1001		\$0.00	£40.04
30	10131	2012		LF 3/4 EIVI	·	ntea E	xposed On Flat	vvaii	Fastar		. T-4-1	\$48.84
				Installation	Quantity 20.00	×	Unit Price 2.22	X	Factor 1.1001		Total \$48.84	
97	16131	2612	2649	LF For Inst	allation In Conc						,	\$0.00
					Quantity		Unit Price		Factor		Total	*****
				Installation	0.00	x	0.27	x	1.1001		\$0.00	
98	16131	2612	2821	LF For Wo	k In Restricted	Worki	ng Space, Add					\$0.00
					Quantity		Unit Price		Factor		Total	
				Installation	0.00	х	0.54	х	1.1001	=	\$0.00	

Proposal Review - CSI Detail

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# Proposal Review - CSI Detail (Continued) Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

	O/ (I D	Al lo Replaceme	111 - 3/23/200	<del>0</del> 0.	12.331 101		_			
2612	2822	LF For Insta	Ilation Above 1	4' (4.3 ı	m), Add					\$0.00
			Quantity		Unit Price		Factor		Total	
		Installation	0.00	x	0.27	×	1.1001	=	\$0.00	
2651		EA 1/2" EM	☐ Set Screw Co	upling,	Mounted Expos	sed On F	Flat Wall			\$586.90
			Quantity		Unit Price		Factor		Total	
			275.00	Х	1.94	Х	1.1001	=	\$586.90	
2651	2821	EA For World	k In Restricted	Working	g Space, Add					\$0.00
		Installation	Quantity		Unit Price		Factor	_	Total	
0054			0.00			X	1.1001	=	\$0.00	
2651	2822	EA For Insta		4' (4.3 ו	• •					\$0.00
		Installation	•					-		
2604	·	· · · · · · · · · · · · · · · · · · ·		<del></del>		X	1.1001		φυ.υυ	047.05
2091		EA 1/2" EM		or With						\$17.25
		Installation				.,		=		
2601	2024					Х	1,1001	<u> </u>	Ψ17.23	<b>CO OO</b>
2031	2021	EA FOI WOR		vvorking			<b>-</b>			\$0.00
		Installation	•			. v		=		
2691	2822					^	1.1001		Ψ0.00	\$0.00
2001	2022	LA I UI III Sta		4 (4.5)	•		Factor		Total	φ <b>υ.υ</b> υ
		Installation	• .	~		v		=		
2692		FA 3/4" FM					1.1001		, , , , , , , , , , , , , , , , , , , ,	\$5.32
		LIT OF LIN		or worth			Eactor		Total	Ψ0.02
		Installation	· ·	x		x				
2692	2821	EA For Wor								\$0.00
					• •		Factor		Total	
		Installation	0.00	X	0.65	x			\$0.00	
2692	2822	EA For Insta	allation Above 1	4' (4.3	m), Add					\$0.00
			Quantity		Unit Price		Factor		Total	
		Installation	0.00	x	0.32	<b>x</b> ,	1.1001	= .	\$0.00	
2731		EA · 1/2" EM	T Box Connecto	or, Com	pression ·		<u></u> -			\$50.66
			Quantity		Unit Price		Factor		Total	
		Installation	15.00	х	3.07	X	1.1001	=	\$50.66	
2731	2821	EA For Wor	k In Restricted	Working	g Space, Add					\$10.73
			Quantity		Unit Price		Factor		Total	
		Installation	15.00	х	0.65	Х	1.1001	=	\$10.73	
8112		LF 1/2" Liqu	uid Tight Flex C	onduit						\$20.07
		lantallation	Quantity		Unit Price		Factor		Total	
			12.00	X		×	1.1001	=	\$20.07	
8112	9199	LF For Wor	k In Restricted	Workin	g Space, Add					\$4.22
		Installation	Quantity		Unit Price				Total	
0.00				X	0.32	Х	1.1001		\$4.22	
8132		EA 1/2" Stra	•							\$34.85
		Installation	•							
0122	0100	<del></del>				X	1.1001		φ3 <del>4</del> .00	<u></u> 67 г-
0132	9199	EA For Wor	K ID Restricted	vvorkin	g Space Add					\$7.57
•	•	•	Quantity		Unit Price		Factor		Total	
	2651 2651 2651 2691 2691 2692 2692 2692	2612     2822       2651        2651     2821       2651     2822       2691     2821       2691     2822       2692     2821       2692     2822       2731     2821       8112     9199       8132     9199	2612   2822   LF	2612   2822	2612   2822   LF	2812	Part			

Proposal Review - CSI Detail

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Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

Review: SAPD AHU Replacement - 3/25/2009 3:12:39PM

eview.		SAPD	And Replaceme	11 - 3/25/2008	3:12	:39PM					
115 16131	8133		EA 3/4" Stra	ight Connector							\$10.54
				Quantity		Unit Price		Factor		Total	
			Installation	2.00	, <b>x</b>	4.79	×	1.1001	=	\$10.54	
116 16131	8133	9199	EA For Worl	In Restricted V	Vorking S	Space, Add					\$2.13
				Quantity		Unit Price		Factor		Total	
	· · · · · · · · · · · · · · · · · · ·		Installation	2.00	x	0.97	X	1,1001	=	\$2.13	
117 16131	8212		LF 1/2" Flex	ible Metallic Cor	nduit	•					\$27.72
				Quantity		Unit Price		Factor		Total	
			Installation	18.00	x	1.40	×	1.1001	=	\$27.72	
118 16131	8212	9199	LF For World	In Restricted V	Vorking S	Space, Add					\$6.93
				Quantity		Unit Price		Factor		Total	
			Installation	18.00	х	0.35	х	1.1001	=	\$6.93	
119 16131	8214		LF 1" Flexib	le Metallic Cond	luit						\$12.81
				Quantity		Unit Price		Factor		Total	
			Installation	6.00	х	1.94	X	1.1001	=	\$12.81	
120 16131	8232		EA 1/2" Flex	ible Straight Co	nnectors	, Plain					\$36.57
				Quantity		Unit Price		Factor		Total	
	• • • • • • • • • • • • • • • • • • • •	· —	Installation	12.00	X	2.77	X	1.1001	= .	\$36.57	
121 16131	8232	9199	EA For Wor	k In Restricted V	Vorking S	Space, Add					\$7.79
				Quantity		Unit Price		Factor		Total	•
			Installation	12.00	x	0.59	X	1.1001	<u> </u>	\$7.79	
122 16131	8412		LF 1/2" Non	-Metallic Liquid	Tight Fle	x Conduit					\$930.68
		•		Quantity		Unit Price		Factor		Total	•
			Installation	360.00	х	2.35	X	1.1001	= :	\$930.68	
123 16131	8412	9199	LF For Wor	k In Restricted V	Vorking S	Space, Add					\$0.00
			Installation	Quantity		Unit Price		Factor		Total	
404 40404			·	0.00	X	0.32	×	1.1001		\$0.00	
<i>124</i> 16131	8413		LF 3/4" Nor	-Metallic Liquid	Tight Fle						\$252.67
			Installation	Quantity		Unit Price		Factor 1.1001		Total \$252.67	
125 16131	8432			72.00	X	3.19	X	1.1001		Ψ232.01	£472.00
125 10131	0432		EA 1/2" Nor	-Metallic Straigh	nt Conne						\$473.92
			Installation	Quantity		Unit Price		Factor 1.1001		Total \$473.92	
<i>126</i> 16131	8432	9199		60.00 k In Restricted V	X Mandrina (	7.18	X			Ψ+10.52	<u> </u>
720 10131	0432	3133	EA FOLVIOR		vorking a	•				<b>-</b>	\$0.00
			Installation	Quantity 0.00	x	Unit Price 0.86	x	Factor 1.1001		Total \$0.00	
<i>127</i> 16131	8433			-Metallic Straigh				1.1001		Ψ0.00	\$126.86
727 10101	0400		LA 3/4 NOI		it Conne			Castan		Total	\$120.00
			Installation	Quantity 12.00	x	Unit Price 9.61	x	Factor 1.1001		Total \$126.86	
<i>128</i> 16131	8434			Metallic Straight				7.1001	····	<b>4.12</b> 0.00	\$14.50
720 10131	0404		EA I NOIH	_	Connect			Contor	2	Total	\$14.50
			Installation	Quantity 1.00	x	Unit Price 13.18	x	Factor 1.1001		Total <b>\$14</b> .50	
					·····					7	\$85.98
129 16134	1101	•••	FA 4" Source	re Steel Rov V 1	_1// 100						Ψυυ. σι
<i>1</i> 29 16134	1101		EA 4" Squa	re Steel Box X 1	-1/2" De	•		Easter		Total	
<i>1</i> 29 16134	1101		EA 4" Squa	Quantity		Unit Price	¥	Factor		Total \$85.98	
			Installation	Quantity 8.00	×	Unit Price 9.77	x	Factor 1.1001		Total \$85.98	\$606.71
129 16134 130 16134	1101		Installation	Quantity	×	Unit Price 9.77	x		=		\$606.71

Proposal Review - CSI Detail

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Job Order Number: 05644.01

Job Order Name: SA/PD - First Floor HVAC

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131 16134	1104		EA 4" Squar	e Steel Blank (	Cover						\$222.04
				Quantity		Unit Price		Factor		Total	
			Installation	58.00	x	3.48	X	1.1001	=	\$222.04	
132 16135	1132		EA 8"x8"x6"	NEMA 1 Enclo	sure, l	linged Cover Inc	luded				\$61.09
				Quantity		Unit Price		Factor		Total	
			Installation	1.00	X	55.53	Х	1.1001	=	\$61.09	
133 16155	2114			30 HP, 480 V			e, Non-		8 V @ 25		\$2,704.20
			Installation	Quantity		Unit Price		Factor 1.1001	=	Total \$2,704.20	
134 16170	3121		EA 30 A, Fu		x t Switc	1,229.07 h, NEMA 4, 4X C	x or 5, He				\$2,443.67
			1 Phase	, 2 Pole Quantity		Unit Price		Factor		Total	
			Installation	2.00	×	1,110.66	x	1.1001	=	\$2,443.67	
<i>135</i> 16181	1221		EA 30 Amp,		ent Lim	iting Fuse RK1,	Ferrule	Туре			\$82.24
				Quantity		Unit Price		Factor		Total	
			Installation	6.00	х	12.46	Х	1.1001	= .	\$82.24	
136 16190	1111		EA One Hol	e Steel Condui	t Strap,	1/2"					\$207.92
				Quantity		Unit Price		Factor		Total	
			Installation	350.00	х	0.54	Х	1.1001	=	\$207.92	
137 16190	1111	1501	EA For Wor	k In Restricted	Workir	g Space, Add					\$3.96
				Quantity		Unit Price		Factor		Total	
			Installation	30.00	X	0.12	, <b>X</b>	1.1001	= '	\$3.96	
138 16190	1112		EA One Hol	e Steel Condui	t Strap	3/4"					\$19.14
				Quantity		Unit Price		Factor		Total	
			Installation	30.00	x	0.58	X	1.1001	=	\$19.14	
139 16190	1112	1501	EA For Wor	k In Restricted	Workir	ig Space, Add					\$3.96
				Quantity		Unit Price		Factor		Total	
			Installation	30.00	x	0.12	X	1.1001	=	\$3.96	
<i>140</i> 16190	2615		EA 2-BR-B,	Bridle Ring, 1/	2"						\$3.91
				Quantity		Unit Price		Factor		Total	
			Installation	5.00	x	0.71	X	1.1001	=	\$3.91	
141 16190	2616		EA 2-BR-12	, Bridle Ring, 3	/4"						\$3.96
				Quantity		Unit Price		Factor		Total	
			Installation	5.00	x	0.72	X	1.1001	= .	\$3.96	
142 16190	3103		EA 1/4" x 4'	' Toggle Bolt, Ir	ncludin	g Drilling In Cond	rete, CI	MU, Wood Oi	Steel		\$96.81
				Quantity		Unit Price		Factor		Total	
			Installation	80.00	х	1.10	х	1.1001	=	\$96.81	
<i>14</i> 3 16190	3205		EA 3/8-16"	x 2" Machine S	crew, [	Orilled In Concret	e, CMU	, Wood Or St	eel		\$737.95
				Quantity		Unit Price		Factor		Total	
		· _	Installation	430.00	х	1.56	X	1.1001	=	\$737.95	
144 16190	4801		EA 1/4" Mu	lti-Set Anchor 1	" Min [	Depth In Concrete	e				\$187.79
	•	•	•	Quantity		Unit Price		Factor		Total	
			Installation	30.00	x	5.69	х	1.1001	=	\$187.79	
145 16190	4801	9911	EA For Wo	rk In Restricted	Worki	ng Space, Add					\$0.00
				Quantity		Unit Price		Factor		Total	
			Installation	0.00	х	1.65	х	1.1001	=	\$0.00	
146 16431	1021		EA Ground	Fault Monitor /	Test F	anel Test Withou	ıt Trippi	ing			\$1,882.82
				Quantity		Unit Price		Factor		Total	
			Installation	6.00	X	285.25	x	1.1001	=	\$1,882.82	

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Job Order Number: 05644.01

1071

147 16775

SA/PD - First Floor HVAC Job Order Name:

Review:

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Lightning Protection Plus Stainless Steel Modules, Siemon

Unit Price

Total \$726.20 Factor Installation 1.1001 = 330.06 2.00

Subtotal for 16 \$71,869.66

**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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\$726.20

\$458,168.77

<b>DATE</b> March 30, 2009	GC 06 - SE	BE Estimate
Job# 05644.01 Loc# 602	State Attorney Building SA/PD - First Floor HVAC	
SUBMITTED BY	M.A.C. Construction, Inc. 9500 N.W. 12 Street Miami, FL 33172	Contract: R-2007-0949 Awarded: 06/19/2008

Proposal Value:

\$ 458,168.77

Contractor/Sub-Contractor	Trade	SBE Status	SBE \$	% of Job
Andrea Construction		SBE-Non MWBE	1,985.00	1,985.00
Knight Electric Co. Inc.		SBE-Non MWBE	26,600.00	26,600.00

	To	otal estimate SBE participation	2
0%		Estimated Participation	100%

ATTACHMENT #3

2

GC 06 - SBE Estimate

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6.24%

#### BUDGET AVAILABILITY STATEMENT

	REQUEST DATE: 03/12/09
	REQUESTED BY: ALLEN PADILLA PHONE: 233-2053
	PROJECT TITLE: SAPD AHU Replacement PROJECT NO.: 05644.01 W0#2150608
	LOCATION: 401 North Dixie Highway
	LOCATION DESCRIPTION: State Attorney Building
	BUILDING NUMBER: 602
	CONTRACTOR/CONSULTANT NAME: MAC Construction
	PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR: Provide labor and material required to remove and replace two air handling units on the 1 <sup>st</sup> floor of the State Attorney Building. All work per the approved plans.
	WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT?
	IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:
	CONSTRUCTION  ARCHITECTURE/ENGINEER  STAFF COSTS*  EQUIPMENT/OTHER  CONTINGENCY  TOTAL  *By signing this 8AS 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)
	FUND: AGENCY: ORG: OBJ: SUBOBJ:  3804-411-13386-4907-254,440  3804-411-1340-4907-700,000  3804-411-1333-4610-4156,456.57  AD VALOREM OTHER DEPARTMENT BACON
	SUPPLEMENTAL AGREEMENT TO BE APPROVED BY: Department Director (WO<\$50,000)
511	ANTICIPATED DATE OF APPROVAL: ASAP  BAS APPROVED BY: Lan Sykes DATE: 3/17/09
	ENCUMBRANCE NUMBER:
	ATTACHMENT # 4