

3H-1

☐ Regular
☐ Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: JOC Work Order No. 08-038 with West Construction, Inc., (R2007-0948) in the amount of \$309,219.50 to provide build-out of approximately 1,600 sf of undeveloped shell space on the second floor of the State Attorney/Public Defender (SA/PD) Building.

Summary: The work consists of the design and installation of 1,600 sf of office space, including flooring, walls, ceiling, electrical, lighting, and A/C to meet current building code requirements. The SBE participation in this work order is 100%. When the participation for this work order is added to West's total participation-to-date, the resulting values are 100%. 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. (FD&O Admin)
Countywide/District 7 (JM)

Background & Justification: The State Attorney Office has a need for a computer room for their IT equipment along with office space for the support staff associated with this computer room. This space on the second floor will provide for this need. The space currently utilized for this function on the fourth floor is inadequate and needed for other use by the State Attorney.

Attachments:

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

Recommended by:

Department Director

Date

Approved by:

County Administrator

Date _____

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Year	2008	2009	2010	2011	2012
Capital Expenditures	\$397,386.08	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	\$397,386.08	0	0	0	0
# Additional FTE Positions (Cumulative)	—	—	—	—	—

Is Item Included in Current Budget? Yes X No

Budget Account No: 3804-411-B379-6502

Reporting Category

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

Construction	\$ 309,219.50
Architect	\$ 4,638.29
Staff Costs	\$ 15,500.00
Contingency	\$ 68,028.29
	<u>\$ 397,386.08</u>

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

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

 1-22-08
OFMB CN 1/17/08
 1/24/08

 1/24/08
Contract Dev. and Control
 1/24/08

B. Legal Sufficiency:

 1/23/08
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.

January 11, 2008	JOC Work Order Job Order Construction Services	
06398.01	SA/PD - State Attorney 2nd floor build-out State Attorney/ Public Defender 401 North Dixie Highway, WEST PALM BEACH FL 33401	

Brief Description: Provide build-out of the 2nd floor per the plan provided.

Contractor: West Construction, Inc.
318 South Dixie Highway
Suite4-5
Lake Worth, FL 33460
Contract: R-2007-0948 Dated June 19, 2007

AMOUNT: \$ 309,219.50

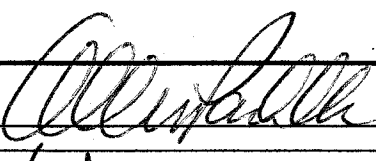
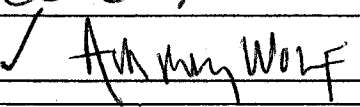
DISTRICT: 7

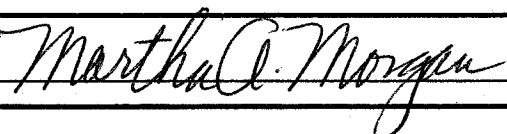
Funding: **3804-411-R379-6502**

JOC Work Order #: 08-038

Project Duration: **6** Months (Liquidated damages will apply)

Approval Signatures

Allen Padilla, Project Coordinator		1/11/08 Date
Audrey Wolf, Director Facilities Development & Operations		1/14/08 Date
Chair Contract Review Committee	(NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000) Date	
Approved as to form and legal sufficiency County Attorney	Date	
Addie L. Greene, Chairperson Board of County Commissioners	Date	

President West Construction, Inc.		1/11/08 Date
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COPY: Project File

Job Order Contract
Contractor's Proposal Summary

R-2007-0948

Job Order #: 06398.01
Job Order Title: SA/PD - State Attorney 2nd floor build-out
Date: January 11, 2008

Section	Total
Section 01 - General Requirements	\$15,537.84
Section 07 - Thermal & Moisture Protection	\$1,810.20
Section 08 - Doors and Windows	\$9,853.85
Section 09 - Finishes	\$55,222.75
Section 10 - Specialties	\$21,230.66
Section 13 - Special Construction	\$13,228.54
Section 15 - Mechanical	\$107,925.96
Section 16 - Electrical	\$84,409.70
Job Order Proposal Total	\$309,219.50

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.

1/11/2008

Proposal Review Summary - CSI

Page 1 of 1

Job Order Contract Proposal Review

Date January 11, 2008
 Re: Job Order #: 06398.01
 Title: SA/PD - State Attorney 2nd floor build-out
 Contractor: West Construction, Inc.
 Review: Copy(1) of Information Resources - 1/9/2008 8:39:40AM
 Proposal Value: 309,219.50

Sect.	Item	Mod.	UOM	Description	Line Total
Section 01					
01204	1001		EA	Reimbursable Fees	6,120.00
				Quantity Unit Price Factor Total	
			Installation	60.00 x 100.00 x 1.0200 =	6,120.00
01510	2015		EA	20 CY Dumpster (7 Ton Capacity) "Construction Debris" Note: Price Includes Service To Deliver And Pick-up Of Dumpster, Hauling Of Debris, Rental Of Dumpster And Disposal Fee.	4,335.00
				Quantity Unit Price Factor Total	
			Installation	10.00 x 425.00 x 1.0200 =	4,335.00
01520	1002		WK	Portable Toilets, Chemical Note: Includes ADA style.	1,149.11
				Quantity Unit Price Factor Total	
			Installation	26.00 x 43.33 x 1.0200 =	1,149.11
01520	4012		MO	8' x 8' x 20' Storage Container	651.78
				Quantity Unit Price Factor Total	
			Installation	6.00 x 106.50 x 1.0200 =	651.78
01540	1101		CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month)	182.50
				Quantity Unit Price Factor Total	
			Installation	4.00 x 44.73 x 1.0200 =	182.50
01540	1201		CCF	Scaffolding Erection And Dismantling - Height Up To 20' Per CCF Of Scaffolding And Accessories. Cost Includes Both Erection And Dismantling Of Scaffolding	46.51
				Quantity Unit Price Factor Total	
			Installation	4.00 x 11.40 x 1.0200 =	46.51
01540	3003		MO	Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	1,210.82
				Quantity Unit Price Factor Total	
			Installation	4.00 x 296.77 x 1.0200 =	1,210.82
01660	1001		CY	Moving Material Via Stairs, Per CY Of Material Per Floor	434.52
				Quantity Unit Price Factor Total	
			Installation	200.00 x 2.13 x 1.0200 =	434.52
01660	4002		CY	Rubbish Handling Via Elevator, Per CY Of Material Per Trip	236.64
				Quantity Unit Price Factor Total	
			Installation	200.00 x 1.16 x 1.0200 =	236.64
01740	1112		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	1,170.96
				Quantity Unit Price Factor Total	
			Installation	200.00 x 5.74 x 1.0200 =	1,170.96
Subtotal for 01					\$15,537.84
Section 07					
07210	1203		SF	3-1/2" Unfaced Batt, R11 Flexible Fiberglass Insulation	1,164.66
				Quantity Unit Price Factor Total	
			Installation	1,543.00 x 0.74 x 1.0200 =	1,164.66
07840	1053		EA	Firestopping 6" Diameter Hole With 4" Pipe	645.54
				Quantity Unit Price Factor Total	
			Installation	24.00 x 26.37 x 1.0200 =	645.54

Sect.	Item	Mod.	UOM	Description	Line Total			
					Subtotal for 07		\$1,810.20	
Section 08								
08110	1136		EA	3'-4"x>7'-2" Through 9'x4-3/4" Deep Metal Door Frame, 16 Gauge	406.47			
				Quantity	Unit Price	Factor	Total	
Installation				2.00 x	199.25 x	1.0200 =	406.47	
08110	1136		EA	For Welded Frames, Add	45.90			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	45.00 x	1.0200 =	45.90	
08110	1141		EA	5'-4"x>7'-2" Through 9'x4-3/4" Deep Metal Door Frame, 16 Gauge	223.96			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	219.57 x	1.0200 =	223.96	
08110	1142		EA	6'x>7'-2" Through 9'x4-3/4" Deep Metal Door Frame, 16 Gauge	231.86			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	227.31 x	1.0200 =	231.86	
08110	1142		PCT	For Auxiliary Frame Reinforcement For Hinges, Add	25.06			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	24.57 x	1.0200 =	25.06	
08110	1142		EA	For Welded Frames, Add	45.90			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	45.00 x	1.0200 =	45.90	
08110	1142		PCT	For Galvanized Frames, Add	0.00			
				Quantity	Unit Price	Factor	Total	
Installation				0.00 x	19.66 x	1.0200 =	0.00	
08110	1142		EA	For 3 Hour Rating, Add	44.74			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	43.86 x	1.0200 =	44.74	
08110	1221		EA	5'-4"x6'-8" Through 7'-2"x5-3/4" Deep Metal Door Frame, 16 Gauge	223.96			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	219.57 x	1.0200 =	223.96	
08210	3441		EA	2'-0" Or 2'-4"x7'x1-3/4" Solid Core Plastic Laminated Door	232.76			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	228.20 x	1.0200 =	232.76	
08210	3444		EA	3'-0"x7'x1-3/4" Solid Core Plastic Laminated Door	535.26			
				Quantity	Unit Price	Factor	Total	
Installation				2.00 x	262.38 x	1.0200 =	535.26	
08210	3449		EA	Pair 3'x7'x1-3/4" Solid Core Plastic Laminated Door	533.33			
				Quantity	Unit Price	Factor	Total	
Installation				1.00 x	522.87 x	1.0200 =	533.33	
08210	3449		PCT	For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	0.00			
				Quantity	Unit Price	Factor	Total	
Installation				0.00 x	571.09 x	1.0200 =	0.00	
08210	3449		PCT	For Each 1' Of Additional Door Height, Add	1,398.05			
				Quantity	Unit Price	Factor	Total	
Installation				12.00 x	114.22 x	1.0200 =	1,398.05	
08210	4121		EA	Prepare Existing Door (Rated) For Mortise Hardware Note: Requires door to be taken off site for UL certification.	322.16			
				Quantity	Unit Price	Factor	Total	
Installation				7.00 x	45.12 x	1.0200 =	322.16	
08710	4382		EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated. Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.	2,591.98			
				Quantity	Unit Price	Factor	Total	
Installation				2.00 x	1,270.58 x	1.0200 =	2,591.98	

Sect.	Item	Mod.	UOM	Description					Line Total
08710	4412		EA	Power Supply For Chexit Or Electric Latch Devices Note: 4A@12VDC 2A@24VDC					751.68
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	368.47 x	1.0200 =	751.68		
08710	6113		EA	Mortise Entry Lockset F04					2,240.78
				Quantity	Unit Price	Factor	Total		
			Installation	6.00 x	366.14 x	1.0200 =	2,240.78		
Subtotal for 08								\$9,853.85	
Section 09									
09110	1003		SF	3-5/8" Metal Stud Channel, 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners					3,085.50
				Quantity	Unit Price	Factor	Total		
			Installation	2,500.00 x	1.21 x	1.0200 =	3,085.50		
09110	1003		PCT	For Wall Application Where Height > 8' To 12', Add (> 2.4 m To 3.6 m)					408.00
				Quantity	Unit Price	Factor	Total		
			Installation	2,500.00 x	0.16 x	1.0200 =	408.00		
09110	1005		SF	6" Metal Framing Stud - 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners					116.20
				Quantity	Unit Price	Factor	Total		
			Installation	64.00 x	1.52 x	1.0200 =	99.23		
			Demolition	64.00 x	0.26 x	1.0200 =	16.97		
09110	1005		PCT	For Wall Application Where Height > 8' To 12', Add (> 2.4 m To 3.6 m)					13.71
				Quantity	Unit Price	Factor	Total		
			Installation	64.00 x	0.21 x	1.0200 =	13.71		
09250	1302		SF	5/8" Moisture Resistant Drywall					12,316.50
				Quantity	Unit Price	Factor	Total		
			Installation	10,500.00 x	1.15 x	1.0200 =	12,316.50		
09250	4103		SF	Tape, Spackle And Finish Drywall Walls > 14' To 20'					2,998.80
				Quantity	Unit Price	Factor	Total		
			Installation	10,500.00 x	0.28 x	1.0200 =	2,998.80		
09511	1103		SF	2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel					5,140.80
				Quantity	Unit Price	Factor	Total		
			Installation	4,000.00 x	1.26 x	1.0200 =	5,140.80		
09511	1103		SF	For Fire Rated Panels, Add					1,672.80
				Quantity	Unit Price	Factor	Total		
			Installation	4,000.00 x	0.41 x	1.0200 =	1,672.80		
09512	2002		SF	12"x12"x5/8" Vinyl Faced Acoustical Tile Mineral Fiber Ceiling Tile					1,120.98
				Quantity	Unit Price	Factor	Total		
			Installation	700.00 x	1.57 x	1.0200 =	1,120.98		
09512	2002		PCT	For Quantities > 200 To 500, Add					561.00
				Quantity	Unit Price	Factor	Total		
			Installation	5,000.00 x	0.11 x	1.0200 =	561.00		
09540	1002		SF	T Bar Ceilings Suspension System 2'x 2', Standard 15/16"					6,783.00
				Quantity	Unit Price	Factor	Total		
			Installation	5,000.00 x	1.33 x	1.0200 =	6,783.00		
09545	1003		SF	High Impact Clips					5,610.00
				Quantity	Unit Price	Factor	Total		
			Installation	5,000.00 x	1.10 x	1.0200 =	5,610.00		
09650	3132		LF	1/8" Vinyl Plastic Base, 6" High, All Colors					924.63
				Quantity	Unit Price	Factor	Total		
			Installation	490.00 x	1.85 x	1.0200 =	924.63		
09650	3132		PCT	For Quantities > 40 To 100, Add					73.44
				Quantity	Unit Price	Factor	Total		
			Installation	600.00 x	0.12 x	1.0200 =	73.44		

Sect.	Item	Mod.	UOM	Description					Line Total
09660	1101		SF	12"x12" Static-Dissipative Or Conductive Vinyl Floor Tile					3,040.53
				Quantity	Unit Price	Factor	Total		
				Installation 551.00 x	5.41 x	1.0200 =	3,040.53		
09680	2209		SY	Nylon 38 Ounce Heavy Traffic Commercial Carpet					2,551.18
				Quantity	Unit Price	Factor	Total		
				Installation 114.00 x	21.94 x	1.0200 =	2,551.18		
09910	4106		LF	Paint Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work					238.68
				Quantity	Unit Price	Factor	Total		
				Installation 300.00 x	0.78 x	1.0200 =	238.68		
09910	4216		EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Brush/Roller Work					282.56
				Quantity	Unit Price	Factor	Total		
				Installation 6.00 x	46.17 x	1.0200 =	282.56		
09920	1414		SF	Paint Interior Plaster/Drywall, 3 Coats Paint, Brush					4,995.96
				Quantity	Unit Price	Factor	Total		
				Installation 6,200.00 x	0.79 x	1.0200 =	4,995.96		
09920	1414		PCT	For Quantities Up To 100, Add					3,288.48
				Quantity	Unit Price	Factor	Total		
				Installation 6,200.00 x	0.52 x	1.0200 =	3,288.48		

Subtotal for 09 \$55,222.75

Section 10

10000	1002	LS	Fire Alarm System					20,372.46
NPP Task			Installation	Quantity	Unit Price	Factor	Total	
				1.00	19,973.00	1.0200 =	20,372.46	
10265	1134	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe					242.76
			Installation	Quantity	Unit Price	Factor	Total	
				35.00	6.80	1.0200 =	242.76	
10521	3004	EA	10# (4.6 kg) Dry Chemical Extinguisher, Red Steel					208.20
			Installation	Quantity	Unit Price	Factor	Total	
				2.00	102.06	1.0200 =	208.20	
10522	1006	EA	8" x 16" x 38" Stainless Steel Fire Extinguisher Cabinet					407.24
			Installation	Quantity	Unit Price	Factor	Total	
				1.00	399.25	1.0200 =	407.24	

Subtotal for 10 \$21,230.66

Section 13

13910	1101	EA	Pendant Brass Sprinkler Heads With Escutcheon					550.47
			Quantity		Unit Price		Factor	Total
		Installation	16.00	x	33.73	x	1.0200 =	550.47
13910	1101	PCT	For Chrome, Add					28.07
			Quantity		Unit Price		Factor	Total
		Installation	16.00	x	1.72	x	1.0200 =	28.07
13940	3940	1 1/2" Viking Pre-action system						12,650.00
			Quantity		Unit Price		Factor	Total
NPP Task		Installation	1.00	x	11,150.00	x	1.1000 =	12,650.00

Subtotal for 13 \$13,228.54

Section 15

15000	1006	LS	Liebert Unit Water Cooled					23,154.00
			Quantity		Unit Price		Factor	Total
NPP Task		Installation	2.00	x	11,350.00	x	1.0200	= 23,154.00
15044	1011	EA	Hot Taps, 6", Maximum Per Day, 3					1,210.17
			Quantity		Unit Price		Factor	Total
		Installation	2.00	x	593.22	x	1.0200	= 1,210.17

Sect.	Item	Mod.	UOM	Description	Line Total				
15044	1011		EA	Hot Taps, 6", Maximum Per Day, 3	1,210.17				
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	593.22 x	1.0200 =	1,210.17		
15061	6264		EA	1-1/4" (32 mm) Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	553.25				
				Quantity	Unit Price	Factor	Total		
			Installation	16.00 x	33.90 x	1.0200 =	553.25		
15061	6314		LF	1" (25 mm) ASTM A106 Carbon Steel Pipe, Schedule 40, Not Including Hangers Or Fittings	812.74				
				Quantity	Unit Price	Factor	Total		
			Installation	120.00 x	6.64 x	1.0200 =	812.74		
15061	6315		LF	1-1/2" (38 mm) ASTM A106 Carbon Steel Pipe, Schedule 40, Not Including Hangers Or Fittings	282.13				
				Quantity	Unit Price	Factor	Total		
			Installation	30.00 x	9.22 x	1.0200 =	282.13		
15061	6315		LF	1-1/2" (38 mm) ASTM A106 Carbon Steel Pipe, Schedule 40, Not Including Hangers Or Fittings	564.26				
				Quantity	Unit Price	Factor	Total		
			Installation	60.00 x	9.22 x	1.0200 =	564.26		
15061	6315		LF	1-1/2" (38 mm) ASTM A106 Carbon Steel Pipe, Schedule 40, Not Including Hangers Or Fittings	376.18				
				Quantity	Unit Price	Factor	Total		
			Installation	40.00 x	9.22 x	1.0200 =	376.18		
15061	6316		LF	2" (51 mm) ASTM A106 Carbon Steel Pipe, Schedule 40, Not Including Hangers Or Fittings	2,722.44				
				Quantity	Unit Price	Factor	Total		
			Installation	226.00 x	11.81 x	1.0200 =	2,722.44		
15061	6324		EA	1" (25 mm) 90 Degree Elbow, 2000# Screwed Carbon Steel	1,332.32				
				Quantity	Unit Price	Factor	Total		
			Installation	60.00 x	21.77 x	1.0200 =	1,332.32		
15061	6332		EA	1-1/2" (38 mm) 90 Degree Elbow, 3000# Screwed Carbon Steel	836.89				
				Quantity	Unit Price	Factor	Total		
			Installation	16.00 x	51.28 x	1.0200 =	836.89		
15061	6332		EA	1-1/2" (38 mm) 90 Degree Elbow, 3000# Screwed Carbon Steel	836.89				
				Quantity	Unit Price	Factor	Total		
			Installation	16.00 x	51.28 x	1.0200 =	836.89		
15061	6333		EA	2" (51 mm) 90 Degree Elbow, 3000# Screwed Carbon Steel	773.45				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	63.19 x	1.0200 =	773.45		
15061	6333		EA	2" (51 mm) 90 Degree Elbow, 3000# Screwed Carbon Steel	515.63				
				Quantity	Unit Price	Factor	Total		
			Installation	8.00 x	63.19 x	1.0200 =	515.63		
15061	6378		EA	1-1/2" (38 mm) Tee, Straight, 6000# Screwed Carbon Steel	724.85				
				Quantity	Unit Price	Factor	Total		
			Installation	8.00 x	88.83 x	1.0200 =	724.85		
15061	6378		EA	1-1/2" (38 mm) Tee, Straight, 6000# Screwed Carbon Steel	724.85				
				Quantity	Unit Price	Factor	Total		
			Installation	8.00 x	88.83 x	1.0200 =	724.85		
15061	6379		EA	2" (25 mm) Tee, Straight, 6000# Screwed Carbon Steel	630.16				
				Quantity	Unit Price	Factor	Total		
			Installation	4.00 x	154.45 x	1.0200 =	630.16		
15061	6379		EA	2" (25 mm) Tee, Straight, 6000# Screwed Carbon Steel	315.08				
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	154.45 x	1.0200 =	315.08		
15061	6443		EA	2" (51 mm) Coupling, Reducing, 6000# Screwed Carbon Steel	717.22				
				Quantity	Unit Price	Factor	Total		
			Installation	4.00 x	175.79 x	1.0200 =	717.22		

Sect.	Item	Mod.	UOM	Description	Line Total			
15061	6443		EA	2" (51 mm) Coupling, Reducing, 6000# Screwed Carbon Steel	717.22			
				Quantity	Unit Price	Factor	Total	
			Installation	4.00 x	175.79 x	1.0200 =	717.22	
15061	6443		EA	2" (51 mm) Coupling, Reducing, 6000# Screwed Carbon Steel	717.22			
				Quantity	Unit Price	Factor	Total	
			Installation	4.00 x	175.79 x	1.0200 =	717.22	
15061	6522		EA	1-1/2" (38 mm) Union, 6000# Screwed Carbon Steel	1,103.13			
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	108.15 x	1.0200 =	1,103.13	
15061	6522		EA	1-1/2" (38 mm) Union, 6000# Screwed Carbon Steel	1,103.13			
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	108.15 x	1.0200 =	1,103.13	
15061	6522		EA	1-1/2" (38 mm) Union, 6000# Screwed Carbon Steel	1,103.13			
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	108.15 x	1.0200 =	1,103.13	
15061	8355		EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	96.91			
				Quantity	Unit Price	Factor	Total	
			Installation	1.00 x	95.01 x	1.0200 =	96.91	
15080	1301		EA	Manual Air Vent	167.69			
				Quantity	Unit Price	Factor	Total	
			Installation	4.00 x	41.10 x	1.0200 =	167.69	
15080	1301		EA	Manual Air Vent	167.69			
				Quantity	Unit Price	Factor	Total	
			Installation	4.00 x	41.10 x	1.0200 =	167.69	
15083	1201		EA	1 1/2" Strainer, Iron Body, Y-Type, 125 # (58 kg) Flanged Ends	294.51			
				Quantity	Unit Price	Factor	Total	
			Installation	2.00 x	144.37 x	1.0200 =	294.51	
15083	1201		PCT	For Work In Restricted Working Space, Add	26.66			
				Quantity	Unit Price	Factor	Total	
			Installation	2.00 x	13.07 x	1.0200 =	26.66	
15083	1201		EA	1 1/2" Strainer, Iron Body, Y-Type, 125 # (58 kg) Flanged Ends	294.51			
				Quantity	Unit Price	Factor	Total	
			Installation	2.00 x	144.37 x	1.0200 =	294.51	
15083	1201		PCT	For Work In Restricted Working Space, Add	26.66			
				Quantity	Unit Price	Factor	Total	
			Installation	2.00 x	13.07 x	1.0200 =	26.66	
15094	1305		EA	1-1/2" Adjustable Steel Band Hanger Type 7	318.89			
				Quantity	Unit Price	Factor	Total	
			Installation	32.00 x	9.77 x	1.0200 =	318.89	
15094	1305		PCT	For Work In Restricted Working Space, Add	93.02			
				Quantity	Unit Price	Factor	Total	
			Installation	32.00 x	2.85 x	1.0200 =	93.02	
15094	4295		EA	7/8" Top Beam C-Clamp Type 19	508.20			
				Quantity	Unit Price	Factor	Total	
			Installation	32.00 x	15.57 x	1.0200 =	508.20	
15094	4295		PCT	For Work In Restricted Working Space, Add	71.16			
				Quantity	Unit Price	Factor	Total	
			Installation	32.00 x	2.18 x	1.0200 =	71.16	
15104	1502		EA	1/2" Ball Valve, Carbon Steel Body, Screwed	63.34			
				Quantity	Unit Price	Factor	Total	
			Installation	2.00 x	31.05 x	1.0200 =	63.34	

Sect.	Item	Mod.	UOM	Description	Line Total				
15104	1502		PCT	For Work In Restricted Working Space, Add					7.63
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	3.74 x	1.0200 =	7.63	
15104	1502		EA	1/2" Ball Valve, Carbon Steel Body, Screwed					63.34
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	31.05 x	1.0200 =	63.34	
15104	1502		PCT	For Work In Restricted Working Space, Add					7.63
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	3.74 x	1.0200 =	7.63	
15104	1507		EA	2" Ball Valve, Carbon Steel Body, Screwed					837.95
				Installation	Quantity	Unit Price	Factor	Total	
					6.00 x	136.92 x	1.0200 =	837.95	
15104	1507		PCT	For Work In Restricted Working Space, Add					64.44
				Installation	Quantity	Unit Price	Factor	Total	
					6.00 x	10.53 x	1.0200 =	64.44	
15104	1507		EA	2" Ball Valve, Carbon Steel Body, Screwed					837.95
				Installation	Quantity	Unit Price	Factor	Total	
					6.00 x	136.92 x	1.0200 =	837.95	
15104	1507		PCT	For Work In Restricted Working Space, Add					64.44
				Installation	Quantity	Unit Price	Factor	Total	
					6.00 x	10.53 x	1.0200 =	64.44	
15104	1601		EA	1/4" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port					186.09
				Installation	Quantity	Unit Price	Factor	Total	
					4.00 x	45.61 x	1.0200 =	186.09	
15104	1601		PCT	For Work In Restricted Working Space, Add					0.00
				Installation	Quantity	Unit Price	Factor	Total	
					0.00 x	5.60 x	1.0200 =	0.00	
15104	1601		EA	1/4" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port					186.09
				Installation	Quantity	Unit Price	Factor	Total	
					4.00 x	45.61 x	1.0200 =	186.09	
15104	1601		PCT	For Work In Restricted Working Space, Add					22.85
				Installation	Quantity	Unit Price	Factor	Total	
					4.00 x	5.60 x	1.0200 =	22.85	
15107	1001		EA	1-1/2" Triple Duty Valve, Cast Iron Body, Threaded					854.11
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	418.68 x	1.0200 =	854.11	
15107	1001		EA	1-1/2" Triple Duty Valve, Cast Iron Body, Threaded					854.11
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	418.68 x	1.0200 =	854.11	
15121	1604		EA	1-1/4" Water Pressure Reducing Valve, Bronze Construction, Threaded					829.53
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	406.63 x	1.0200 =	829.53	
15121	1604		EA	1-1/4" Water Pressure Reducing Valve, Bronze Construction, Threaded					829.53
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	406.63 x	1.0200 =	829.53	
15144	1007		EA	1/5 HP Condensate Pump					666.81
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	326.87 x	1.0200 =	666.81	
15144	1007		EA	1/5 HP Condensate Pump					666.81
				Installation	Quantity	Unit Price	Factor	Total	
					2.00 x	326.87 x	1.0200 =	666.81	

Sect.	Item	Mod.	UOM	Description	Line Total				
15182	5305		LF	3/4" Diameter Iron Pipe, 3/4" Wall Rubber Tubing Flexible Closed Cell Foam	1,060.86				
				Quantity	Unit Price	Factor	Total		
			Installation	238.00 x	4.37 x	1.0200 =	1,060.86		
15182	5305		PCT	For Work In Restricted Working Space, Add	252.47				
				Quantity	Unit Price	Factor	Total		
			Installation	238.00 x	1.04 x	1.0200 =	252.47		
15182	5305		LF	3/4" Diameter Iron Pipe, 3/4" Wall Rubber Tubing Flexible Closed Cell Foam	1,114.35				
				Quantity	Unit Price	Factor	Total		
			Installation	250.00 x	4.37 x	1.0200 =	1,114.35		
15182	5305		PCT	For Work In Restricted Working Space, Add	265.20				
				Quantity	Unit Price	Factor	Total		
			Installation	250.00 x	1.04 x	1.0200 =	265.20		
15185	3406		EA	2" Diameter Pipe, 2" Thick Calcium Silicate Insert	3,206.88				
				Quantity	Unit Price	Factor	Total		
			Installation	300.00 x	10.48 x	1.0200 =	3,206.88		
15185	3406		EA	2" Diameter Pipe, 2" Thick Calcium Silicate Insert	2,843.43				
				Quantity	Unit Price	Factor	Total		
			Installation	266.00 x	10.48 x	1.0200 =	2,843.43		
15190	1303		SF	2" Thick Fibrous Glass Blanket With Reinforced Foil, 1.5# Density	9,455.40				
				Quantity	Unit Price	Factor	Total		
			Installation	3,000.00 x	3.09 x	1.0200 =	9,455.40		
15190	1303		PCT	For Work In Restricted Working Space, Add	2,019.60				
				Quantity	Unit Price	Factor	Total		
			Installation	3,000.00 x	0.66 x	1.0200 =	2,019.60		
15190	1303		SF	2" Thick Fibrous Glass Blanket With Reinforced Foil, 1.5# Density	113.46				
				Quantity	Unit Price	Factor	Total		
			Installation	36.00 x	3.09 x	1.0200 =	113.46		
15190	1303		PCT	For Work In Restricted Working Space, Add	24.24				
				Quantity	Unit Price	Factor	Total		
			Installation	36.00 x	0.66 x	1.0200 =	24.24		
15840	1315		EA	8" Round Connector	142.84				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	11.67 x	1.0200 =	142.84		
15840	1315		PCT	For Work In Restricted Working Space, Add	30.97				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	2.53 x	1.0200 =	30.97		
15840	1315		EA	8" Round Connector	321.39				
				Quantity	Unit Price	Factor	Total		
			Installation	27.00 x	11.67 x	1.0200 =	321.39		
15840	1315		PCT	For Work In Restricted Working Space, Add	69.68				
				Quantity	Unit Price	Factor	Total		
			Installation	27.00 x	2.53 x	1.0200 =	69.68		
15840	1502		LB	Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	2,833.56				
				Quantity	Unit Price	Factor	Total		
			Installation	600.00 x	4.63 x	1.0200 =	2,833.56		
15840	1502		PCT	For Quantities > 500 Lb. To 1000 Lb. (> 227 kg to 454 kg), Add	434.52				
				Quantity	Unit Price	Factor	Total		
			Installation	600.00 x	0.71 x	1.0200 =	434.52		
15840	1502		PCT	For Work In Restricted Working Space, Add	679.32				
				Quantity	Unit Price	Factor	Total		
			Installation	600.00 x	1.11 x	1.0200 =	679.32		

Sect.	Item	Mod.	UOM	Description	Line Total			
15840	1502		LB	Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	8,500.68			
			Installation	Quantity 1,800.00 x Unit Price 4.63 x Factor 1.0200 = Total 8,500.68				
15840	1502		PCT	For Quantities > 1000 Lb. To 2000 Lb. (> 454 kg to 907 kg), Add	734.40			
			Installation	Quantity 1,800.00 x Unit Price 0.40 x Factor 1.0200 = Total 734.40				
15840	1502		PCT	For Work In Restricted Working Space, Add	2,037.96			
			Installation	Quantity 1,800.00 x Unit Price 1.11 x Factor 1.0200 = Total 2,037.96				
15840	6103		LF	6" Diameter Flexible Duct, Factory Fabricated, Preinsulated	116.79			
			Installation	Quantity 25.00 x Unit Price 4.58 x Factor 1.0200 = Total 116.79				
15840	6105		LF	8" Diameter Flexible Duct, Factory Fabricated, Preinsulated	1,909.44			
			Installation	Quantity 300.00 x Unit Price 6.24 x Factor 1.0200 = Total 1,909.44				
15840	6106		LF	10" Diameter Flexible Duct, Factory Fabricated, Preinsulated	799.68			
			Installation	Quantity 100.00 x Unit Price 7.84 x Factor 1.0200 = Total 799.68				
15840	6205		EA	8" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper	666.65			
			Installation	Quantity 18.00 x Unit Price 36.31 x Factor 1.0200 = Total 666.65				
15864	2006		EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.94			
			Installation	Quantity 1.00 x Unit Price 57.78 x Factor 1.0200 = Total 58.94				
15864	2006		EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.94			
			Installation	Quantity 1.00 x Unit Price 57.78 x Factor 1.0200 = Total 58.94				
15869	3104		EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	751.10			
			Installation	Quantity 1.00 x Unit Price 736.37 x Factor 1.0200 = Total 751.10				
15869	3104		EA	For Boxes With Motor, Add	20.40			
			Installation	Quantity 1.00 x Unit Price 20.00 x Factor 1.0200 = Total 20.40				
15869	3203		EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,041.71			
			Installation	Quantity 2.00 x Unit Price 1,000.84 x Factor 1.0200 = Total 2,041.71				
15869	3203		EA	For Boxes With Motor, Add	40.80			
			Installation	Quantity 2.00 x Unit Price 20.00 x Factor 1.0200 = Total 40.80				
15869	3203		EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,041.71			
			Installation	Quantity 2.00 x Unit Price 1,000.84 x Factor 1.0200 = Total 2,041.71				
15869	3203		EA	For Boxes With Motor, Add	40.80			
			Installation	Quantity 2.00 x Unit Price 20.00 x Factor 1.0200 = Total 40.80				
15869	3204		EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	3,190.88			
			Installation	Quantity 3.00 x Unit Price 1,042.77 x Factor 1.0200 = Total 3,190.88				
15869	3204		EA	For Boxes With Motor, Add	61.20			
			Installation	Quantity 3.00 x Unit Price 20.00 x Factor 1.0200 = Total 61.20				

Sect.	Item	Mod.	UOM	Description	Line Total				
15872	1009		EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	1,233.84				
				Quantity	Unit Price	Factor	Total		
			Installation	13.00 x	93.05 x	1.0200 =	1,233.84		
15872	1009		EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	1,138.93				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	93.05 x	1.0200 =	1,138.93		
15872	2011		EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	1,370.69				
				Quantity	Unit Price	Factor	Total		
			Installation	13.00 x	103.37 x	1.0200 =	1,370.69		
15872	2011		PCT	For Lay-In Mount, Add	158.59				
				Quantity	Unit Price	Factor	Total		
			Installation	13.00 x	11.96 x	1.0200 =	158.59		
15872	2011		EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	1,370.69				
				Quantity	Unit Price	Factor	Total		
			Installation	13.00 x	103.37 x	1.0200 =	1,370.69		
15872	2011		PCT	For Lay-In Mount, Add	158.59				
				Quantity	Unit Price	Factor	Total		
			Installation	13.00 x	11.96 x	1.0200 =	158.59		
15872	2011		EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	1,265.25				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	103.37 x	1.0200 =	1,265.25		
15872	2011		PCT	For Lay-In Mount, Add	146.39				
				Quantity	Unit Price	Factor	Total		
			Installation	12.00 x	11.96 x	1.0200 =	146.39		
15931	1008		EA	Room Thermostats, Low Voltage Clock Heating And Cooling	332.56				
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	163.02 x	1.0200 =	332.56		
15931	1008		EA	Room Thermostats, Low Voltage Clock Heating And Cooling	665.12				
				Quantity	Unit Price	Factor	Total		
			Installation	4.00 x	163.02 x	1.0200 =	665.12		
					Subtotal for 15		\$107,925.96		

Section 16

Section 16

16113	4301	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling					1,413.08
			Quantity		Unit Price		Factor	Total
		Installation	27.00	x	51.31	x	1.0200	= 1,413.08
16119	1131	LF	1-5/8" x 7/8" Metal Channel, 12 Gauge Without Supports					888.42
			Quantity		Unit Price		Factor	Total
		Installation	100.00	x	8.71	x	1.0200	= 888.42
16119	1133	LF	1-5/8" x 1-5/8" Metal Channel, 12 Gauge Without Supports					1,414.64
			Quantity		Unit Price		Factor	Total
		Installation	134.00	x	10.35	x	1.0200	= 1,414.64
16119	1264	EA	1-1/4" Pipe Clamp For RGS Conduit With Hex Screw And Nut, Channel Fitting					62.80
			Quantity		Unit Price		Factor	Total
		Installation	47.00	x	1.31	x	1.0200	= 62.80
16119	1267	EA	2-1/2" Pipe Clamp For RGS Conduit With Hex Screw And Nut, Channel Fitting					20.30
			Quantity		Unit Price		Factor	Total
		Installation	10.00	x	1.99	x	1.0200	= 20.30
16119	1267	EA	2-1/2" Pipe Clamp For RGS Conduit With Hex Screw And Nut, Channel Fitting					20.30
			Quantity		Unit Price		Factor	Total
		Installation	10.00	x	1.99	x	1.0200	= 20.30

Sect.	Item	Mod.	UOM	Description					Line Total
16119	1292		EA	3/8" 16 Thread Spring Nuts Metal Framing Channel Fittings					516.12
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	5.06 x	1.0200 =	516.12		
16120	1121		MLF	#14 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit					834.98
				Quantity	Unit Price	Factor	Total		
			Installation	3.00 x	272.87 x	1.0200 =	834.98		
16120	1122		MLF	#12 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit					2,176.82
				Quantity	Unit Price	Factor	Total		
			Installation	6.00 x	355.69 x	1.0200 =	2,176.82		
16120	1122		MLF	#12 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit					362.80
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	355.69 x	1.0200 =	362.80		
16120	1143		MLF	#10 AWG Cable - Type XHHW, 600 V Copper, Single Solid, Placed In Conduit					743.89
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	729.30 x	1.0200 =	743.89		
16120	1225		MLF	#8 AWG Cable - XLP (XHHW), 600 V, Single Stranded, Placed In Conduit					953.89
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	935.19 x	1.0200 =	953.89		
16120	1227		MLF	#4 AWG Cable - XLP (XHHW), 600 V, Single Stranded, Placed In Conduit					1,966.28
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	1,927.73 x	1.0200 =	1,966.28		
16120	1229		MLF	#2 AWG Cable - XLP (XHHW), 600 V, Single Stranded, Placed In Conduit					2,887.03
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	2,830.42 x	1.0200 =	2,887.03		
16125	1011		CLF	1/2" EMT With 3 #12 THHN/THWN					4,299.99
				Quantity	Unit Price	Factor	Total		
			Installation	14.00 x	301.12 x	1.0200 =	4,299.99		
16125	1011		PCT	For Compression Coupling, Add					179.50
				Quantity	Unit Price	Factor	Total		
			Installation	14.00 x	12.57 x	1.0200 =	179.50		
16125	1011		CLF	1/2" EMT With 3 #12 THHN/THWN					614.28
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	301.12 x	1.0200 =	614.28		
16125	1011		PCT	For Compression Coupling, Add					25.64
				Quantity	Unit Price	Factor	Total		
			Installation	2.00 x	12.57 x	1.0200 =	25.64		
16125	1022		CLF	3/4" EMT With 4 #12 THHN/THWN					4,973.42
				Quantity	Unit Price	Factor	Total		
			Installation	10.00 x	487.59 x	1.0200 =	4,973.42		
16125	1022		PCT	For Compression Coupling, Add					193.80
				Quantity	Unit Price	Factor	Total		
			Installation	10.00 x	19.00 x	1.0200 =	193.80		
16125	1025		CLF	3/4" EMT With 3 #10 THHN/THWN					498.85
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	489.07 x	1.0200 =	498.85		
16125	1025		PCT	For Compression Coupling, Add					19.25
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	18.87 x	1.0200 =	19.25		
16131	2612		LF	3/4" EMT Conduit, Mounted Exposed On Flat Wall					1,018.98
				Quantity	Unit Price	Factor	Total		
			Installation	450.00 x	2.22 x	1.0200 =	1,018.98		

Sect.	Item	Mod.	UOM	Description	Line Total				
16131	2612		PCT	For Installation In Metal Stud Wall, Add	82.62				
			Installation	Quantity 450.00 x Unit Price 0.18 x Factor 1.0200 =	Total 82.62				
16131	2612		PCT	For Work In Restricted Working Space, Add	247.86				
			Installation	Quantity 450.00 x Unit Price 0.54 x Factor 1.0200 =	Total 247.86				
16131	2614		LF	1-1/4" EMT Conduit, Mounted Exposed On Flat Wall	434.93				
			Installation	Quantity 130.00 x Unit Price 3.28 x Factor 1.0200 =	Total 434.93				
16131	2614		PCT	For Installation In Metal Stud Wall, Add	29.17				
			Installation	Quantity 130.00 x Unit Price 0.22 x Factor 1.0200 =	Total 29.17				
16131	2614		PCT	For Work In Restricted Working Space, Add	88.84				
			Installation	Quantity 130.00 x Unit Price 0.67 x Factor 1.0200 =	Total 88.84				
16131	2616		LF	2" EMT Conduit, Mounted Exposed On Flat Wall	455.94				
			Installation	Quantity 100.00 x Unit Price 4.47 x Factor 1.0200 =	Total 455.94				
16131	2616		PCT	For Installation In Metal Stud Wall, Add	29.58				
			Installation	Quantity 100.00 x Unit Price 0.29 x Factor 1.0200 =	Total 29.58				
16131	2616		PCT	For Work In Restricted Working Space, Add	87.72				
			Installation	Quantity 100.00 x Unit Price 0.86 x Factor 1.0200 =	Total 87.72				
16131	2634		EA	1-1/4" EMT 90 Degree Elbow, Mounted Exposed On Flat Wall	304.37				
			Installation	Quantity 40.00 x Unit Price 7.46 x Factor 1.0200 =	Total 304.37				
16131	2634		PCT	For Work In Restricted Working Space, Add	65.69				
			Installation	Quantity 40.00 x Unit Price 1.61 x Factor 1.0200 =	Total 65.69				
16131	2636		EA	2" EMT 90 Degree Elbow, Mounted Exposed On Flat Wall	128.72				
			Installation	Quantity 10.00 x Unit Price 12.62 x Factor 1.0200 =	Total 128.72				
16131	2636		PCT	For Work In Restricted Working Space, Add	25.30				
			Installation	Quantity 10.00 x Unit Price 2.48 x Factor 1.0200 =	Total 25.30				
16131	2671		EA	1/2 EMT Compression Coupling, Mounted Exposed On Flat Wall	319.81				
			Installation	Quantity 122.00 x Unit Price 2.57 x Factor 1.0200 =	Total 319.81				
16131	2671		PCT	For Work In Restricted Working Space, Add	88.35				
			Installation	Quantity 122.00 x Unit Price 0.71 x Factor 1.0200 =	Total 88.35				
16131	2671		EA	1/2 EMT Compression Coupling, Mounted Exposed On Flat Wall	393.21				
			Installation	Quantity 150.00 x Unit Price 2.57 x Factor 1.0200 =	Total 393.21				
16131	2671		PCT	For Work In Restricted Working Space, Add	108.63				
			Installation	Quantity 150.00 x Unit Price 0.71 x Factor 1.0200 =	Total 108.63				
16131	2672		EA	3/4" EMT Compression Coupling, Mounted Exposed On Flat Wall	415.70				
			Installation	Quantity 143.00 x Unit Price 2.85 x Factor 1.0200 =	Total 415.70				

Sect.	Item	Mod.	UOM	Description	Line Total				
16131	2672		PCT	For Work In Restricted Working Space, Add					109.40
				Quantity	Unit Price	Factor		Total	
			Installation	143.00 x	0.75 x	1.0200 =		109.40	
16131	2674		EA	1-1/4" EMT Compression Coupling, Mounted Exposed On Flat Wall					643.31
				Quantity	Unit Price	Factor		Total	
			Installation	119.00 x	5.30 x	1.0200 =		643.31	
16131	2674		PCT	For Work In Restricted Working Space, Add					156.58
				Quantity	Unit Price	Factor		Total	
			Installation	119.00 x	1.29 x	1.0200 =		156.58	
16131	2676		EA	2" EMT Compression Coupling, Mounted Exposed On Flat Wall					132.84
				Quantity	Unit Price	Factor		Total	
			Installation	16.00 x	8.14 x	1.0200 =		132.84	
16131	2676		PCT	For Work In Restricted Working Space, Add					29.87
				Quantity	Unit Price	Factor		Total	
			Installation	16.00 x	1.83 x	1.0200 =		29.87	
16131	2712		EA	3/4" EMT Insulated Box Connector With Set Screw					631.58
				Quantity	Unit Price	Factor		Total	
			Installation	180.00 x	3.44 x	1.0200 =		631.58	
16131	2712		PCT	For Work In Restricted Working Space, Add					145.04
				Quantity	Unit Price	Factor		Total	
			Installation	180.00 x	0.79 x	1.0200 =		145.04	
16131	2736		EA	2" EMT Box Connector, Compression					193.76
				Quantity	Unit Price	Factor		Total	
			Installation	12.00 x	15.83 x	1.0200 =		193.76	
16131	2736		PCT	For Work In Restricted Working Space, Add					23.75
				Quantity	Unit Price	Factor		Total	
			Installation	12.00 x	1.94 x	1.0200 =		23.75	
16131	2751		EA	1/2" EMT Insulated Box Connector, Compression					167.44
				Quantity	Unit Price	Factor		Total	
			Installation	48.00 x	3.42 x	1.0200 =		167.44	
16131	2751		PCT	For Work In Restricted Working Space, Add					35.25
				Quantity	Unit Price	Factor		Total	
			Installation	48.00 x	0.72 x	1.0200 =		35.25	
16131	2751		EA	1/2" EMT Insulated Box Connector, Compression					683.73
				Quantity	Unit Price	Factor		Total	
			Installation	196.00 x	3.42 x	1.0200 =		683.73	
16131	2751		PCT	For Work In Restricted Working Space, Add					143.94
				Quantity	Unit Price	Factor		Total	
			Installation	196.00 x	0.72 x	1.0200 =		143.94	
16131	2752		EA	3/4" EMT Insulated Box Connector, Compression					660.96
				Quantity	Unit Price	Factor		Total	
			Installation	160.00 x	4.05 x	1.0200 =		660.96	
16131	2752		PCT	For Work In Restricted Working Space, Add					128.93
				Quantity	Unit Price	Factor		Total	
			Installation	160.00 x	0.79 x	1.0200 =		128.93	
16131	2802		EA	3/4" LB, LR, Or LL Fitting With Cover And Set Screw					177.36
				Quantity	Unit Price	Factor		Total	
			Installation	12.00 x	14.49 x	1.0200 =		177.36	
16131	2802		PCT	For Work In Restricted Working Space, Add					32.93
				Quantity	Unit Price	Factor		Total	
			Installation	12.00 x	2.69 x	1.0200 =		32.93	

Sect.	Item	Mod.	UOM	Description	Line Total				
16131	2802		EA	3/4" LB, LR, Or LL Fitting With Cover And Set Screw					443.39
			Installation	Quantity 30.00 x Unit Price 14.49 x Factor 1.0200 =				Total 443.39	
16131	2802		PCT	For Work In Restricted Working Space, Add					82.31
			Installation	Quantity 30.00 x Unit Price 2.69 x Factor 1.0200 =				Total 82.31	
16131	2804		EA	1-1/4" LB, LR, Or LL Fitting With Cover And Set Screw					309.92
			Installation	Quantity 12.00 x Unit Price 25.32 x Factor 1.0200 =				Total 309.92	
16131	2804		PCT	For Work In Restricted Working Space, Add					50.06
			Installation	Quantity 12.00 x Unit Price 4.09 x Factor 1.0200 =				Total 50.06	
16131	2806		EA	2" LB, LR, Or LL Fitting With Cover And Set Screw					259.06
			Installation	Quantity 6.00 x Unit Price 42.33 x Factor 1.0200 =				Total 259.06	
16131	2806		PCT	For Work In Restricted Working Space, Add					32.93
			Installation	Quantity 6.00 x Unit Price 5.38 x Factor 1.0200 =				Total 32.93	
16131	8216		LF	1-1/2" Flexible Metallic Conduit					85.37
			Installation	Quantity 30.00 x Unit Price 2.79 x Factor 1.0200 =				Total 85.37	
16131	8216		PCT	For Installation In Metal Stud Wall, Add					4.59
			Installation	Quantity 30.00 x Unit Price 0.15 x Factor 1.0200 =				Total 4.59	
16131	8216		PCT	For Work In Restricted Working Space, Add					13.77
			Installation	Quantity 30.00 x Unit Price 0.45 x Factor 1.0200 =				Total 13.77	
16131	8216		LF	1-1/2" Flexible Metallic Conduit					56.92
			Installation	Quantity 20.00 x Unit Price 2.79 x Factor 1.0200 =				Total 56.92	
16131	8216		PCT	For Installation In Metal Stud Wall, Add					1.53
			Installation	Quantity 10.00 x Unit Price 0.15 x Factor 1.0200 =				Total 1.53	
16131	8216		PCT	For Work In Restricted Working Space, Add					4.59
			Installation	Quantity 10.00 x Unit Price 0.45 x Factor 1.0200 =				Total 4.59	
16131	8236		EA	1-1/2" Flexible Straight Connectors, Plain					102.44
			Installation	Quantity 11.00 x Unit Price 9.13 x Factor 1.0200 =				Total 102.44	
16131	8236		PCT	For Work In Restricted Working Space, Add					16.49
			Installation	Quantity 11.00 x Unit Price 1.47 x Factor 1.0200 =				Total 16.49	
16131	8296		EA	1-1/2" Flexible 90 Degree Connector, Insulated					204.92
			Installation	Quantity 10.00 x Unit Price 20.09 x Factor 1.0200 =				Total 204.92	
16131	8296		PCT	For Work In Restricted Working Space, Add					17.95
			Installation	Quantity 10.00 x Unit Price 1.76 x Factor 1.0200 =				Total 17.95	
16131	8296		EA	1-1/2" Flexible 90 Degree Connector, Insulated					204.92
			Installation	Quantity 10.00 x Unit Price 20.09 x Factor 1.0200 =				Total 204.92	

Sect.	Item	Mod.	UOM	Description	Line Total			
16131	8296		PCT	For Work In Restricted Working Space, Add				17.95
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	1.76 x	1.0200 =	17.95	
16134	1103		EA	4-11/16" Square Steel Box X 2-1/8" Deep				208.75
				Quantity	Unit Price	Factor	Total	
			Installation	18.00 x	11.37 x	1.0200 =	208.75	
16134	1103		EA	4-11/16" Square Steel Box X 2-1/8" Deep				765.43
				Quantity	Unit Price	Factor	Total	
			Installation	66.00 x	11.37 x	1.0200 =	765.43	
16134	1103		EA	4-11/16" Square Steel Box X 2-1/8" Deep				661.05
				Quantity	Unit Price	Factor	Total	
			Installation	57.00 x	11.37 x	1.0200 =	661.05	
16134	1104		EA	4" Square Steel Blank Cover				35.50
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	3.48 x	1.0200 =	35.50	
16134	4301		EA	3/4", 4" Square Cut Tile Ring, 1 Gang, Flush Mount				283.20
				Quantity	Unit Price	Factor	Total	
			Installation	45.00 x	6.17 x	1.0200 =	283.20	
16134	4305		EA	3/4", 4" Square Cut Tile Ring, 2 Gang, Flush Mount				128.14
				Quantity	Unit Price	Factor	Total	
			Installation	17.00 x	7.39 x	1.0200 =	128.14	
16134	4401		EA	3/4" x 4" Round Plaster Ring				115.30
				Quantity	Unit Price	Factor	Total	
			Installation	24.00 x	4.71 x	1.0200 =	115.30	
16140	1112		EA	1 Gang, 20 A, NEMA 5-20, Duplex Receptacle Assembly Note: Includes box, receptacle and cover plate				1,514.25
				Quantity	Unit Price	Factor	Total	
			Installation	44.00 x	33.74 x	1.0200 =	1,514.25	
16140	1114		EA	2 Gang, 20 A, NEMA 5-20, Duplex Receptacle Assembly Note: Includes box, receptacle and cover plate				615.37
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	60.33 x	1.0200 =	615.37	
16140	1131		EA	20 A, Duplex Receptacle, 120/277 V				717.63
				Quantity	Unit Price	Factor	Total	
			Installation	44.00 x	15.99 x	1.0200 =	717.63	
16140	1131		EA	20 A, Duplex Receptacle, 120/277 V				717.63
				Quantity	Unit Price	Factor	Total	
			Installation	44.00 x	15.99 x	1.0200 =	717.63	
16140	1293		EA	Locking, 20 A, 125 V, NEMA L5-20 Power Receptacles				278.83
				Quantity	Unit Price	Factor	Total	
			Installation	12.00 x	22.78 x	1.0200 =	278.83	
16140	4111		EA	1 Gang Switch Plate				2.23
				Quantity	Unit Price	Factor	Total	
			Installation	3.00 x	0.73 x	1.0200 =	2.23	
16140	4111		EA	1 Gang Switch Plate				17.87
				Quantity	Unit Price	Factor	Total	
			Installation	24.00 x	0.73 x	1.0200 =	17.87	
16140	4112		EA	2 Gang Switch Plate				12.85
				Quantity	Unit Price	Factor	Total	
			Installation	10.00 x	1.26 x	1.0200 =	12.85	
16170	2333		EA	100 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase				520.64
				Quantity	Unit Price	Factor	Total	
			Installation	1.00 x	510.43 x	1.0200 =	520.64	

Sect.	Item	Mod.	UOM	Description					Line Total
16170	5221		EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase					1,724.31
				Quantity	Unit Price	Factor	Total		
			Installation	5.00 x	338.10 x	1.0200 =	1,724.31		
16170	5221		EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase					1,724.31
				Quantity	Unit Price	Factor	Total		
			Installation	5.00 x	338.10 x	1.0200 =	1,724.31		
16190	1111		EA	One Hole Steel Conduit Strap, 1/2"					65.55
				Quantity	Unit Price	Factor	Total		
			Installation	119.00 x	0.54 x	1.0200 =	65.55		
16190	1111		PCT	For Work In Restricted Working Space, Add					14.57
				Quantity	Unit Price	Factor	Total		
			Installation	119.00 x	0.12 x	1.0200 =	14.57		
16190	1111		EA	One Hole Steel Conduit Strap, 1/2"					19.83
				Quantity	Unit Price	Factor	Total		
			Installation	36.00 x	0.54 x	1.0200 =	19.83		
16190	1111		PCT	For Work In Restricted Working Space, Add					4.41
				Quantity	Unit Price	Factor	Total		
			Installation	36.00 x	0.12 x	1.0200 =	4.41		
16190	1111		EA	One Hole Steel Conduit Strap, 1/2"					90.33
				Quantity	Unit Price	Factor	Total		
			Installation	164.00 x	0.54 x	1.0200 =	90.33		
16190	1111		PCT	For Work In Restricted Working Space, Add					20.07
				Quantity	Unit Price	Factor	Total		
			Installation	164.00 x	0.12 x	1.0200 =	20.07		
16190	3103		EA	1/4" x 4" Toggle Bolt, Including Drilling In Concrete, CMU, Wood Or Steel					112.20
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	1.10 x	1.0200 =	112.20		
16190	3203		EA	1/4-20" x 2" Machine Screw, Drilled In Concrete, CMU, Wood Or Steel					124.44
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	1.22 x	1.0200 =	124.44		
16190	3303		EA	3/8" x 2" Lag Bolts With Lead Anchor, Drilled In Concrete, CMU, Wood Or Steel					475.32
				Quantity	Unit Price	Factor	Total		
			Installation	200.00 x	2.33 x	1.0200 =	475.32		
16190	3303		EA	3/8" x 2" Lag Bolts With Lead Anchor, Drilled In Concrete, CMU, Wood Or Steel					228.15
				Quantity	Unit Price	Factor	Total		
			Installation	96.00 x	2.33 x	1.0200 =	228.15		
16190	5111		LF	3/8" Diameter Continuous Threaded Rod, Plain Steel, Bright Finish					151.98
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	1.49 x	1.0200 =	151.98		
16190	5111		PCT	For Zinc Coated, Add					29.58
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	0.29 x	1.0200 =	29.58		
16190	5111		LF	3/8" Diameter Continuous Threaded Rod, Plain Steel, Bright Finish					151.98
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	1.49 x	1.0200 =	151.98		
16190	5111		PCT	For Zinc Coated, Add					29.58
				Quantity	Unit Price	Factor	Total		
			Installation	100.00 x	0.29 x	1.0200 =	29.58		
16330	2401		EA	30 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry					2,082.26
				Quantity	Unit Price	Factor	Total		
			Installation	1.00 x	2,041.43 x	1.0200 =	2,082.26		

Sect.	Item	Mod.	UOM	Description	Line Total			
16330	2401		PCT	For K20 Factor Rating, Add	2,047.33			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	2,007.19 x	1.0200 =	2,047.33
16471	2419		EA	225 A With 42 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	3,748.36			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	3,674.86 x	1.0200 =	3,748.36
16471	2719		EA	225 A With 42 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	5,992.53			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	5,875.03 x	1.0200 =	5,992.53
16471	4111		EA	1 Pole, 120/240 Volt, 15-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	153.12			
				Installation	Quantity	Unit Price	Factor	Total
					6.00 x	25.02 x	1.0200 =	153.12
16471	4111		PCT	For Bolt-On, Add	35.92			
				Installation	Quantity	Unit Price	Factor	Total
					6.00 x	5.87 x	1.0200 =	35.92
16471	4111		EA	1 Pole, 120/240 Volt, 15-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	331.77			
				Installation	Quantity	Unit Price	Factor	Total
					13.00 x	25.02 x	1.0200 =	331.77
16471	4111		PCT	For Bolt-On, Add	77.84			
				Installation	Quantity	Unit Price	Factor	Total
					13.00 x	5.87 x	1.0200 =	77.84
16471	4131		EA	3 Pole, 120/240 Volt, 15-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	217.69			
				Installation	Quantity	Unit Price	Factor	Total
					2.00 x	106.71 x	1.0200 =	217.69
16471	4131		PCT	For Bolt-On, Add	38.41			
				Installation	Quantity	Unit Price	Factor	Total
					2.00 x	18.83 x	1.0200 =	38.41
16471	4531		EA	3 Pole, 240/480 V, 15-60 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	3,219.49			
				Installation	Quantity	Unit Price	Factor	Total
					12.00 x	263.03 x	1.0200 =	3,219.49
16471	4531		PCT	For Bolt-On, Add	469.65			
				Installation	Quantity	Unit Price	Factor	Total
					12.00 x	38.37 x	1.0200 =	469.65
16471	4532		EA	3 Pole, 240/480 V, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	338.48			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	331.84 x	1.0200 =	338.48
16471	4532		PCT	For Bolt-On, Add	345.22			
				Installation	Quantity	Unit Price	Factor	Total
					7.00 x	48.35 x	1.0200 =	345.22
16471	4532		EA	3 Pole, 240/480 V, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	2,369.34			
				Installation	Quantity	Unit Price	Factor	Total
					7.00 x	331.84 x	1.0200 =	2,369.34
16471	4532		PCT	For Bolt-On, Add	345.22			
				Installation	Quantity	Unit Price	Factor	Total
					7.00 x	48.35 x	1.0200 =	345.22
16471	4964		EA	3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	3,399.72			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	3,333.06 x	1.0200 =	3,399.72
16471	4964		PCT	For Bolt-On, Add	435.82			
				Installation	Quantity	Unit Price	Factor	Total
					1.00 x	427.27 x	1.0200 =	435.82

Sect.	Item	Mod.	UOM	Description	Line Total			
16471	4964		EA	3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	3,399.72			
				Installation	Quantity	Unit Price	Factor	Total
					1.00	3,333.06	1.0200 =	3,399.72
16471	4964		PCT	For Bolt-On, Add	435.82			
				Installation	Quantity	Unit Price	Factor	Total
					1.00	427.27	1.0200 =	435.82
16502	1802		EA	Emergency Ballast, Linear, Full Illumination, One Lamp	1,676.93			
				Installation	Quantity	Unit Price	Factor	Total
					5.00	328.81	1.0200 =	1,676.93
16510	1341		EA	2' x 4' Lay-In/Troffer Prismatic Lens Fluorescent Fixture, (2TB) Note: With electronic ballast.	2,139.64			
				Installation	Quantity	Unit Price	Factor	Total
					21.00	99.89	1.0200 =	2,139.64
16530	1111		EA	Exit Sign With Stencil Face, Single Face End Mounted	302.11			
				Installation	Quantity	Unit Price	Factor	Total
					3.00	98.73	1.0200 =	302.11
16930	3011		EA	Lighting Control Console	2,769.33			
				Installation	Quantity	Unit Price	Factor	Total
					3.00	905.01	1.0200 =	2,769.33
16930	4105		EA	Ultrasonic/ Infrared Combination 120/277 Volt, Light Switch	1,079.42			
				Installation	Quantity	Unit Price	Factor	Total
					5.00	211.65	1.0200 =	1,079.42
Subtotal for 16								\$84,409.70
Contractor Proposal Review Total								\$309,219.50

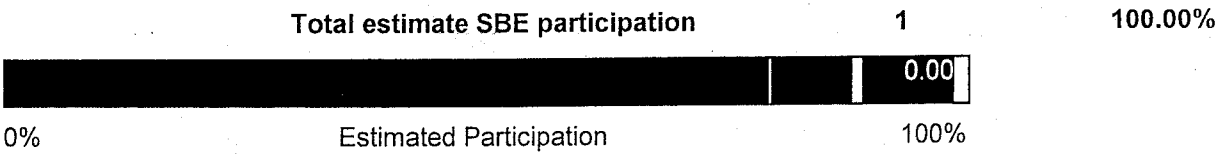
This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

ATTACHMENT 2
Page 19 of 19

DATE January 11, 2008	GC 06 - SBE Estimate	
Job# 06398.01 Loc# 602	State Attorney/ Public Defender SA/PD - State Attorney 2nd floor build-out	
SUBMITTED BY	West Construction, Inc. 318 South Dixie Highway Suite4-5 Lake Worth, FL 33460	Contract: R-2007-0948 Awarded: 06/19/2007

Proposal Value: \$ 309,219.50

Contractor/Sub-Contractor	Trade	SBE Status	SBE \$	% of Job
West Construction, Inc.		SBE-MWBE Other	309,219.50	309,219.50



Budget Availability Statement

REQUEST DATE: January 10, 2008

REQUESTED BY: Allen Padilla

PHONE#: (561) 233-2053

PROJECT TITLE: SA/PD - State Attorney 2nd floor build-out

Project No: 06398.01

LOCATION #: 602

LOCATION DESCRIPTION: State Attorney/ Public Defender

ORIGINAL CONTRACT/ANNUAL AMOUNT:

BCC RESOLUTION # / DATE:

R-2007-0948 dated 06/19/2007

CSA/LOA/CHANGE ORDER AMOUNT:

CSA/LOA/CHANGE ORDER NUMBER: Work Order #:

CONTRACTOR/CONSULTANT NAME: West Construction, Inc.

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

Provide build-out of the 2nd floor per the plan provided.

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

IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

CONSTRUCTION	309,219.50	
ARCHITECT/ENGINEER	4,638.29	1.5% WORK ORDER AMOUNT FOR TGG FEE
*STAFF COSTS	15,500.00	
EQUIPMENT/OTHER	0.00	
CONTINGENCY	68,028.29	
TOTAL:		\$397,386.08

* 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)

3804-411-13379-6502

☐ FEDERAL/DAVIS BACON

☐ AD VALOREM

☒ OTHER (STATE ATTORNEY)

SUPPLEMENTAL AGREEMENT TO BE APPROVED BY:

BCC (WO > \$100,000)

ANTICIPATED DATE OF APPROVAL: ASAP

BAS APPROVED BY:

JEANNE D. HOWARD

DATE:

ENCUMBRANCE NUMBER: