



**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2008	2009	2010	2011	2012
Capital Expenditures	<u>382,360.54</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>43,971.46</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>&lt;426,332.00&gt;</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
<b>NET FISCAL IMPACT</b>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes  No

Budget Account No: Fund 3804 Department 411 Unit B426 Sub Unit 50 Object 4907  
Reporting Category \_\_\_\_\_

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

This project is being funded by PBSO excess fees from FY 2007

**C. Departmental Fiscal Review:** \_\_\_\_\_

**III. REVIEW COMMENTS:**

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


Jan D... 11-27-07 OFMB  
... 11-27-07  
... 11/13/07  
... 11/27/07  
... 11/27/07 Contract Dev. and Control

**B. Legal Sufficiency:**  
... 11/28/07  
 Assistant County Attorney

**This item complies with current County policies.**

**C. Other Department Review:**  
 \_\_\_\_\_



October 29, 2007	<b>JOC Work Order</b> Job Order Construction Services	
06645.01	PBSO Admin - UPS - additional work CJC Bldg A, Administration, 3228 Gun Club Road 3228 Gun Club Road, WEST PALM BEACH	

**Brief Description:** Additional electrical.

Contractor: HA Contracting Corp.  
9500 NW 12th Street  
Miami, FL 33172  
Contract: R-2005-0540 Dated March 15, 2005

**AMOUNT:** \$ 382,360.54


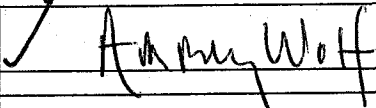

DISTRICT: 2

Funding: 3804-411-B406-50-4907

JOC Work Order #: 08-001

Project Duration: 180 Days (Liquidated damages will apply)

**Approval Signatures**

Andre Gonzalez, Project Coordinator	 Date 10/29/07
Audrey Wolf, Director Facilities Development & Operations	 Date 11/1/07
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 HA Contracting Corp.	 Date 10-29-07

COPY: Project File

**ATTACHMENT #2**

**Job Order Contract  
Contractor's Proposal Summary**

R-2005-0540

**Job Order #:** 06645.01  
**Job Order Title:** PBSO Admin - UPS - additional work  
**Date:** October 30, 2007

<b>Section</b>	<b>Total</b>
<b>Section 01 - General Requirements</b>	<b>\$49,328.78</b>
<b>Section 02 - Site Work</b>	<b>\$24,268.59</b>
<b>Section 03 - Concrete</b>	<b>\$4,788.70</b>
<b>Section 04 - Masonry</b>	<b>\$260.74</b>
<b>Section 05 - Metals</b>	<b>\$824.72</b>
<b>Section 07 - Thermal &amp; Moisture Protection</b>	<b>\$4,612.03</b>
<b>Section 08 - Doors and Windows</b>	<b>\$8,241.81</b>
<b>Section 09 - Finishes</b>	<b>\$5,630.83</b>
<b>Section 15 - Mechanical</b>	<b>\$14,109.34</b>
<b>Section 16 - Electrical</b>	<b>\$270,295.00</b>
<b>Job Order Proposal Total</b>	<b>\$382,360.54</b>

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 # 3**

# Job Order Contract Proposal Review

**Date:** October 30, 2007  
**Re:** Job Order #: 06645.01  
 Title: PBSO Admin - UPS - additional work  
 Contractor: HA Contracting Corp.  
 Review: PBSO - ADMIN. UPS - Add'l Electrical - 9/28/2007 1:39:52PM  
 Proposal Value: 382,360.54

Sect.	Item	Mod.	UOM	Description	Line Total
<b>Section 01</b>					
01352	1021		HR	Insulator, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	15,550.92
				Quantity	Unit Price
				Factor	Total
				Installation 360.00 x 42.35 x 1.0200 =	15,550.92
				Elec. Rm Fireproofing ( Allowance )	
01352	1041		HR	Brick Layer, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	2,098.85
				Quantity	Unit Price
				Factor	Total
				Installation 95.00 x 21.66 x 1.0200 =	2,098.85
				Reinstall s/walk bricks	
01352	1051		HR	Carpenter, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	4,856.39
				Quantity	Unit Price
				Factor	Total
				Installation 170.00 x 26.95 x 1.0600 =	4,856.39
				New Ext. Dlb. Dr. retrofit opening & floor	
01352	1051		HR	Carpenter, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	828.44
				Quantity	Unit Price
				Factor	Total
				Installation 29.00 x 26.95 x 1.0600 =	828.44
				Redo Pedestrian walkway crossing	
01352	1051		HR	Carpenter, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	114.27
				Quantity	Unit Price
				Factor	Total
				Installation 4.00 x 26.95 x 1.0600 =	114.27
				Demo exist. louver & security grill	
01352	1071		HR	Cement Mason, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	2,516.99
				Quantity	Unit Price
				Factor	Total
				Installation 98.00 x 25.18 x 1.0200 =	2,516.99
				Reform s/walk bricks	
01352	1091		HR	Electrician, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	7,057.38
				Quantity	Unit Price
				Factor	Total
				Installation 220.00 x 31.45 x 1.0200 =	7,057.38
01352	1091		HR	Electrician, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	128.32
				Quantity	Unit Price
				Factor	Total
				Installation 4.00 x 31.45 x 1.0200 =	128.32
				Install 2 HVAC controllers	

Sect.	Item	Mod.	UOM	Description	Line Total
01352	1311		HR	Sheet Metal Worker, Note: Line Items In The CTC Include Appropriate Costs To Cover Labor. These Items Will Be Requested Specifically By The Owner For Miscellaneous Work Not Covered In The CTC.	453.39
				Installation	
				Quantity 12.50 x	
				Unit Price 35.56 x	
				Factor 1.0200 =	Total 453.39
				Demo exist. elec. rm. duct	
01431	2118		EA	Concrete Mix Designs	91.80
				Installation	
				Quantity 1.00 x	
				Unit Price 90.00 x	
				Factor 1.0200 =	Total 91.80
01590	1152		WK	42" x 60" x 30' High Platform, 1000#	2,781.85
				Installation	
				Quantity 6.00 x	
				Unit Price 454.55 x	
				Factor 1.0200 =	Total 2,781.85
01590	4105		WK	60" Wide, 1/3 CY Bobcat, With Full-Time Operator	2,903.10
				Installation	
				Quantity 2.00 x	
				Unit Price 1,423.09 x	
				Factor 1.0200 =	Total 2,903.10
01590	4705		WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP Loader-Backhoe Note: With full-time operator	6,375.42
				Installation	
				Quantity 3.00 x	
				Unit Price 2,083.47 x	
				Factor 1.0200 =	Total 6,375.42
01591	3131		DAY	1-1/2 Ton Flat Bed Truck, 4 x 2, With Full-Time Truck Driver	2,433.38
				Installation	
				Quantity 7.00 x	
				Unit Price 340.81 x	
				Factor 1.0200 =	Total 2,433.38
				Haul concrete & excess fill	
01591	4125		EA	Backhoe, Dozer, Loader Or Excavator (Or Similar Sized Equipment) Up To 250 HP Equipment Delivery Fee, Delivery, Set-up And Return	1,138.28
				Installation	
				Quantity 4.00 x	
				Unit Price 278.99 x	
				Factor 1.0200 =	Total 1,138.28
<b>Subtotal for 01</b>					<b>\$49,328.78</b>

### Section 02

02111	5113		SF	Concrete Cutouts, Up To 6" Thick, < 8 SF With Bar Reinforced Slab On Grade	10,730.40
				Installation	
				Quantity 1,000.00 x	
				Unit Price 10.52 x	
				Factor 1.0200 =	Total 10,730.40
02112	1451		CF	Brick Removal	327.42
				Installation	
				Quantity 100.00 x	
				Unit Price 3.21 x	
				Factor 1.0200 =	Total 327.42
02112	1451		PCT	For Cleaning and Storage For Reuse, Add	245.82
				Installation	
				Quantity 100.00 x	
				Unit Price 2.41 x	
				Factor 1.0200 =	Total 245.82
02112	6005		LF	Saw Cut Mesh Reinforced Concrete Slab Up To 4" (10 cm) Depth	236.44
				Installation	
				Quantity 190.00 x	
				Unit Price 1.22 x	
				Factor 1.0200 =	Total 236.44
02112	6005		PCT	For Each Additional Pass (Depth To 3"), Add	83.33
				Installation	
				Quantity 190.00 x	
				Unit Price 0.43 x	
				Factor 1.0200 =	Total 83.33
02112	7153		EA	Drill 2" (50 mm) Diameter Core In 8" (20 cm) Concrete	324.36
				Installation	
				Quantity 12.00 x	
				Unit Price 26.50 x	
				Factor 1.0200 =	Total 324.36
02112	7153		PCT	For Horizontal Holes, Add	63.40
				Installation	
				Quantity 12.00 x	
				Unit Price 5.18 x	
				Factor 1.0200 =	Total 63.40
02112	7154		EA	Drill 3" (76 mm) Diameter Core In 8" (20 cm) Concrete	99.30
				Installation	
				Quantity 3.00 x	
				Unit Price 32.45 x	
				Factor 1.0200 =	Total 99.30

Sect.	Item	Mod.	UOM	Description	Line Total
02112	7154		PCT	For Horizontal Holes, Add	18.73
			Installation	Quantity 3.00 x Unit Price 6.12 x Factor 1.0200 = Total 18.73	
02112	7155		EA	Drill 4" (10 cm) Diameter Core In 8" (20 cm) Concrete	173.24
			Installation	Quantity 4.00 x Unit Price 42.46 x Factor 1.0200 = Total 173.24	
02112	7155		PCT	For Horizontal Holes, Add	32.64
			Installation	Quantity 4.00 x Unit Price 8.00 x Factor 1.0200 = Total 32.64	
02112	7156		EA	Drill 6" (15 cm) Diameter Core In 8" (20 cm) Concrete	355.69
			Installation	Quantity 6.00 x Unit Price 58.12 x Factor 1.0200 = Total 355.69	
02112	7156		PCT	For Horizontal Holes, Add	69.16
			Installation	Quantity 6.00 x Unit Price 11.30 x Factor 1.0200 = Total 69.16	
02112	7196		EA	Drill 6" (15 cm) Diameter Core In 12" (30 cm) Concrete	279.40
			Installation	Quantity 4.00 x Unit Price 68.48 x Factor 1.0200 = Total 279.40	
02112	7196		PCT	For Horizontal Holes, Add	49.94
			Installation	Quantity 4.00 x Unit Price 12.24 x Factor 1.0200 = Total 49.94	
02112	7197		EA	Drill 8" (20 cm) Diameter Core In 12" (30 cm) Concrete	2,370.56
			Installation	Quantity 22.00 x Unit Price 105.64 x Factor 1.0200 = Total 2,370.56	
02112	7197		PCT	For Horizontal Holes, Add	443.64
			Installation	Quantity 22.00 x Unit Price 19.77 x Factor 1.0200 = Total 443.64	
02215	2001		CY	Excavation for Trenching by Hand in Soil Includes Stockpiling Excess Materials and Trimming Sides and Bottom of Trench.	4,972.50
			Installation	Quantity 195.00 x Unit Price 25.00 x Factor 1.0200 = Total 4,972.50	
02215	2001		CY	Excavation for Trenching by Hand in Soil Includes Stockpiling Excess Materials and Trimming Sides and Bottom of Trench.	2,346.00
			Installation	Quantity 92.00 x Unit Price 25.00 x Factor 1.0200 = Total 2,346.00	
02215	4001		CY	Compaction of Backfill or Subbase for Trenches by Vibratory Plate, Air Tamper, etc.	298.35
			Installation	Quantity 195.00 x Unit Price 1.50 x Factor 1.0200 = Total 298.35	
02215	6002		CY	Load Excess Material by Hand for Removal from Excavation for Trenching	748.27
			Installation	Quantity 40.00 x Unit Price 18.34 x Factor 1.0200 = Total 748.27	
<b>Subtotal for 02</b>					<b>\$24,268.59</b>

### Section 03

03110	1611		LF	Slab On Grade Edge Forms, Up To 6" High (15 Cm) High	604.45
			Installation	Quantity 352.00 x Unit Price 1.62 x Factor 1.0600 = Total 604.45	
03220	1001		SF	6 x 6 x #10, 21#/CSF, Welded Wire Reinforcement In Slabs, (W 1.4 x W 1.4)	349.80
			Installation	Quantity 1,000.00 x Unit Price 0.33 x Factor 1.0600 = Total 349.80	
03311	1198		CF	Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner.	3,016.55
			Installation	Quantity 270.00 x Unit Price 10.54 x Factor 1.0600 = Total 3,016.55	
				Add'l hose pads and dlb. dr fir infill	



Sect.	Item	Mod.	UOM	Description	Line Total		
03311	1198		PCT	For High Early Strength, Type 3 ASTM C150, Add	94.45		
				Quantity	Unit Price	Factor	Total
			Installation	270.00 x	0.33 x	1.0600 =	94.45
03350	1004		SF	Concrete Floor Finishes, Steel Trowel	723.45		
				Quantity	Unit Price	Factor	Total
			Installation	1,365.00 x	0.50 x	1.0600 =	723.45
<b>Subtotal for 03</b>					<b>\$4,788.70</b>		

#### Section 04

04160	1004		LB	Vertical #5 And #6 Rebar Reinforcing	73.14		
				Quantity	Unit Price	Factor	Total
			Installation	100.00 x	0.69 x	1.0600 =	73.14
04160	2113		CLF	Horizontal Truss Joint Reinforcing In 8" Wall, Use 6" Wide Truss For 8" Wall	26.90		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	25.38 x	1.0600 =	26.90
04220	3303		SF	8" x 16" x 8" (21 cm) Regular Concrete Masonry Unit Partition Block (Sand Aggregate)	160.70		
				Quantity	Unit Price	Factor	Total
			Installation	40.00 x	3.79 x	1.0600 =	160.70
<b>Subtotal for 04</b>					<b>\$260.74</b>		

#### Section 05

05120	2701		TON	Miscellaneous Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts. (Up To 20 Lbs. Per LF)	475.73		
				Quantity	Unit Price	Factor	Total
			Installation	0.10 x	4,487.98 x	1.0600 =	475.73
				Dlb. Dr. Angles			
05506	1012		LF	Unistrut Channel 1-5/8" Wide x 1-5/8" High, 14 Gauge	173.81		
				Quantity	Unit Price	Factor	Total
			Installation	30.00 x	5.68 x	1.0200 =	173.81
05506	3012		EA	Unistrut Nut With Spring, 1-5/8" Channel 3/8"	63.80		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	1.39 x	1.0200 =	63.80
05735	1404		SF	0.0625" Thick Galvanized Sheet, Includes Field Fabrication	111.38		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	10.92 x	1.0200 =	111.38
				Roof curb patch material			
<b>Subtotal for 05</b>					<b>\$824.72</b>		

#### Section 07

07501	1001		LS	Labor Crew Up-Charge For 1 SQ Or Less, Add To Line Item	279.84		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	274.35 x	1.0200 =	279.84
				Patch roof curb			
07840	1005		EA	Firestopping 2" Diameter Hole With 1/2" Pipe	59.00		
				Quantity	Unit Price	Factor	Total
			Installation	12.00 x	4.82 x	1.0200 =	59.00
07840	1023		EA	Firestopping 3" Diameter Hole With 2" Pipe	55.57		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	6.81 x	1.0200 =	55.57
07840	1033		EA	Firestopping 4" Diameter Hole With 3" Pipe	78.66		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	9.64 x	1.0200 =	78.66
07840	1053		EA	Firestopping 6" Diameter Hole With 4" Pipe	548.35		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	26.88 x	1.0200 =	548.35

Sect.	Item	Mod.	UOM	Description					Line Total
07840	1062		EA	Firestopping 8" Diameter Hole With 6" Pipe					1,812.25
				Installation	Quantity	Unit Price	Factor	Total	
					44.00	40.38	1.0200 =	1,812.25	
07840	2002		EA	2" Fire Stop Collar					155.20
				Installation	Quantity	Unit Price	Factor	Total	
					12.00	12.68	1.0200 =	155.20	
07840	2003		EA	3" Fire Stop Collar					86.11
				Installation	Quantity	Unit Price	Factor	Total	
					6.00	14.07	1.0200 =	86.11	
07840	2004		EA	4" Fire Stop Collar					134.31
				Installation	Quantity	Unit Price	Factor	Total	
					8.00	16.46	1.0200 =	134.31	
07840	2005		EA	6" Fire Stop Collar					390.25
				Installation	Quantity	Unit Price	Factor	Total	
					20.00	19.13	1.0200 =	390.25	
07840	2006		EA	8" Fire Stop Collar					1,012.49
				Installation	Quantity	Unit Price	Factor	Total	
					44.00	22.56	1.0200 =	1,012.49	

**Subtotal for 07** \$4,612.03

**Section 08**

08110	1142		EA	6'x>7'-2" Through 9'x4-3/4" Deep Metal Door Frame, 16 Gauge					288.15
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	236.09	1.0600 =	250.26	
				Demolition	Quantity	Unit Price	Factor	Total	
					1.00	35.75	1.0600 =	37.90	
08110	1242		EA	6'x>7'-2" Through 9'x5-3/4" Deep Metal Door Frame, 16 Gauge					307.50
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	254.34	1.0600 =	269.60	
				Demolition	Quantity	Unit Price	Factor	Total	
					1.00	35.75	1.0600 =	37.90	
08110	1242		PCT	For Auxiliary Frame Reinforcement For Hinges, Add					29.08
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	27.43	1.0600 =	29.08	
08110	1242		PCT	For Galvanized Frames, Add					23.27
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	21.95	1.0600 =	23.27	
08110	2101		SF	4-3/4" Deep Steel Transom, 16 Gauge Frame					477.32
				Installation	Quantity	Unit Price	Factor	Total	
					15.00	30.02	1.0600 =	477.32	
08110	3141		EA	Pair 2'-6"x7"x1-3/4" 20 Gauge Metal Door (Unrated)					513.02
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	457.85	1.0600 =	485.32	
				Demolition	Quantity	Unit Price	Factor	Total	
					1.00	26.13	1.0600 =	27.70	
08110	3141		PCT	For Galvanized, Add					64.49
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	60.84	1.0600 =	64.49	
08110	3141		EA	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add					58.59
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	55.27	1.0600 =	58.59	
08110	3383		EA	Pair 3'x8'x1-3/4" 16 Gauge Metal Door (Unrated)					888.16
				Installation	Quantity	Unit Price	Factor	Total	
					1.00	810.39	1.0600 =	859.01	
				Demolition	Quantity	Unit Price	Factor	Total	
					1.00	27.50	1.0600 =	29.15	

Sect.	Item	Mod.	UOM	Description	Line Total
08110	3383		PCT	For 14 Gauge, Grade III, Extra Heavy Duty, Add	320.29
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				1.00 x	
				302.16 x	
				1.0600 =	
					320.29
08110	3383		PCT	For Galvanized, Add	120.11
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				1.00 x	
				113.31 x	
				1.0600 =	
					120.11
08110	3383		PCT	For Up To 1' (31 cm) Extra Height, Add	221.56
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				1.00 x	
				209.02 x	
				1.0600 =	
					221.56
08110	5104		LF	5-1/4"x 2" E.G. Mullions, Vertical 16 Gauge Hollow Metal Frame Section	105.07
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				8.00 x	
				12.39 x	
				1.0600 =	
					105.07
08110	5104		PCT	For 14 Gauge Frame, Add	17.81
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				8.00 x	
				2.10 x	
				1.0600 =	
					17.81
08710	1113		PR	4-1/2x4-1/2" Brass/Bronze Standard Duty Butts, Full Mortise, Plain Bearing	354.45
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				7.00 x	
				44.74 x	
				1.0600 =	
				Demolition	
				7.00 x	
				3.03 x	
				1.0600 =	
					331.97
					22.48
08710	1113		PR	For Pair Of Non-Removable Pins, Add	44.52
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				7.00 x	
				6.00 x	
				1.0600 =	
					44.52
08710	2111		EA	Door Bumper, Aluminum Floor Type "L Shaped"	27.26
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				2.00 x	
				12.86 x	
				1.0600 =	
					27.26
08710	2431		EA	Door Silencers, Rubber Note: For repair / maintenance only. This item is not to be used in conjunction with new door or frame installations.	13.40
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				16.00 x	
				0.79 x	
				1.0600 =	
					13.40
08710	2511		EA	Flush Bolt, Lever Extension UL Rated, Brass	194.19
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				8.00 x	
				21.52 x	
				1.0600 =	
				Demolition	
				8.00 x	
				1.38 x	
				1.0600 =	
					182.49
					11.70
08710	2511		PCT	For Stainless Steel, Add	68.35
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				8.00 x	
				8.06 x	
				1.0600 =	
					68.35
08710	4201		EA	Panic Device, Push Bar Rim Type	1,572.17
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				2.00 x	
				714.09 x	
				1.0600 =	
				Demolition	
				2.00 x	
				27.50 x	
				1.0600 =	
					1,513.87
					58.30
08710	4201		PCT	For U/L Fire Listed Hardware, Add	199.75
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				2.00 x	
				94.22 x	
				1.0600 =	
					199.75
08710	5105		EA	Surface Mounted High Security Door Closer - LCN 4510 Series	759.42
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				3.00 x	
				230.83 x	
				1.0600 =	
				Demolition	
				3.00 x	
				7.98 x	
				1.0600 =	
					734.04
					25.38
08710	6116		EA	Mortise Lockset F08 For Front Door	369.51
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				1.00 x	
				348.59 x	
				1.0600 =	
					369.51
08720	1002		OPN	Spring Type Weather-stripping For Metal Doors	272.67
				Quantity	
				Unit Price	
				Factor	
				Total	
				Installation	
				4.00 x	
				64.31 x	
				1.0600 =	
					272.67

Sect.	Item	Mod.	UOM	Description	Line Total			
08720	2401		LF	Security Astragal, PEMCO 378C	187.92			
				Quantity	Unit Price	Factor	Total	
				Installation	16.00 x	11.08 x	1.0600 =	187.92
08730	1003		LF	Aluminum Threshold With Grit, Up To 5-3/4" Width	743.78			
				Quantity	Unit Price	Factor	Total	
				Installation	14.00 x	19.92 x	1.0600 =	295.61
				Demolition	140.00 x	3.02 x	1.0600 =	448.17
<b>Subtotal for 08</b>					<b>\$8,241.81</b>			

### Section 09

09511	1104		SF	2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel (Suspension System Not Included)	584.27			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	1.06 x	1.0600 =	584.27
09511	1104		SF	For Fire Rated Panels, Add	225.99			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	0.41 x	1.0600 =	225.99
09540	1001		SF	T Bar Ceilings Suspension System 1'x 2', Standard 15/16"	799.24			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	1.45 x	1.0600 =	799.24
09540	1001		SF	For 1-1/2" (38 mm) Carrier Channels 4' (1.2 m) On Center, Add Note: Seismic Control Or Where Required	71.66			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	0.13 x	1.0600 =	71.66
09650	1101		SF	Latex Self Leveling Underlay, 1/8" Thick	7.89			
				Quantity	Unit Price	Factor	Total	
				Installation	24.00 x	0.31 x	1.0600 =	7.89
09650	3121		SF	Marbleized Pattern Resilient Tile Floor Solid Vinyl Tile 1/8" Thick 12"x12"	54.95			
				Quantity	Unit Price	Factor	Total	
				Installation	24.00 x	2.16 x	1.0600 =	54.95
09910	4106		LF	Paint Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	52.15			
				Quantity	Unit Price	Factor	Total	
				Installation	60.00 x	0.82 x	1.0600 =	52.15
09910	4106		LF	Paint Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	52.15			
				Quantity	Unit Price	Factor	Total	
				Installation	60.00 x	0.82 x	1.0600 =	52.15
09910	4214		EA	Paint Exterior Door, Both Faces, 1 Coat Primer, Brush Work	44.29			
				Quantity	Unit Price	Factor	Total	
				Installation	2.00 x	20.89 x	1.0600 =	44.29
09910	4216		EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Brush Work	80.37			
				Quantity	Unit Price	Factor	Total	
				Installation	2.00 x	37.91 x	1.0600 =	80.37
09920	3101		SF	Paint Interior Concrete Floors And Decks, One Coat Primer, Brush Work	99.22			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	0.18 x	1.0600 =	99.22
09920	3103		SF	Paint Interior Concrete Floors And Decks, Two Coats Paint, Brush Work	220.48			
				Quantity	Unit Price	Factor	Total	
				Installation	520.00 x	0.40 x	1.0600 =	220.48
09920	4214		EA	Paint Interior Door, Both Faces, 1 Coat Primer, Brush Work	94.51			
				Quantity	Unit Price	Factor	Total	
				Installation	4.00 x	22.29 x	1.0600 =	94.51
09920	4216		EA	Paint Interior Door, Both Faces, 2 Coats Paint, Brush Work	170.70			
				Quantity	Unit Price	Factor	Total	
				Installation	4.00 x	40.26 x	1.0600 =	170.70

Sect.	Item	Mod.	UOM	Description	Line Total		
09945	1822		SF	Cut And Patch Hole To Match Existing, > 10 SF To 50 SF	2,613.96		
				Quantity	Unit Price	Factor	Total
			Installation	600.00 x	4.11 x	1.0600 =	2,613.96
09945	1841		SF	Pressure Wash Stucco, Up To 5,000 PSI	459.00		
				Quantity	Unit Price	Factor	Total
			Installation	3,000.00 x	0.15 x	1.0200 =	459.00
				Concrete ext. slab areas			

**Subtotal for 09** \$5,630.83

**Section 15**

15042	2002		EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	43.82		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	5.37 x	1.0200 =	43.82
15043	2008		EA	Balancing Built-up High Pressure Variable Volume Unit	481.05		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	471.62 x	1.0200 =	481.05
15044	1001		EA	Hot Taps, 2" Or Less, Maximum Per Day, 6	667.43		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	327.17 x	1.0200 =	667.43
15048	1411		EA	Pneumatic Test, 0-100 LF, 1/2" - 1-1/2" Diameter Pipe Includes Soaping Joints	559.82		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	274.42 x	1.0200 =	559.82
15048	6101		EA	Shut Down System	143.62		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	70.40 x	1.0200 =	143.62
15061	2412		EA	3/4" (19 mm) Coupling, Straight, 150# Malleable Iron, Black	40.76		
				Quantity	Unit Price	Factor	Total
			Installation	4.00 x	9.99 x	1.0200 =	40.76
15061	2412		PCT	For Work In Restricted Working Space, Add	10.53		
				Quantity	Unit Price	Factor	Total
			Installation	4.00 x	2.58 x	1.0200 =	10.53
15061	3311		LF	3/4" (19 mm) Black Pipe, Plain End Schedule 40 ASTM A-53, Not Including Hangers Or Fittings	120.16		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	5.89 x	1.0200 =	120.16
15061	3311		PCT	For Work In Restricted Working Space, Add	31.62		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	1.55 x	1.0200 =	31.62
15061	3331		EA	3/4" (19 mm) 90 Degree Weld Elbow, Standard Weight	265.12		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	32.49 x	1.0200 =	265.12
15061	3331		PCT	For Work In Restricted Working Space, Add	68.30		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	8.37 x	1.0200 =	68.30
15061	3371		EA	3/4" (19 mm) 45 Degree Welded Elbow, Standard Weight	167.74		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	32.89 x	1.0200 =	167.74
15061	3371		PCT	For Work In Restricted Working Space, Add	44.73		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	8.77 x	1.0200 =	44.73
15061	3651		EA	3/4" To 1-1/2" (19 To 37 mm) Bolt, Nut And 150# Rubber Gasket Set	10.61		
				Quantity	Unit Price	Factor	Total
			Installation	4.00 x	2.60 x	1.0200 =	10.61

Sect.	Item	Mod.	UOM	Description	Line Total
15061	3651		PCT	For Work In Restricted Working Space, Add	0.00
			Installation	Quantity 4.00 x Unit Price 0.00 x Factor 1.0200 = Total 0.00	
15061	3812		EA	Cut And Prepare For Welding 3/4" (19 mm) Black Steel Pipe	193.64
			Installation	Quantity 24.00 x Unit Price 7.91 x Factor 1.0200 = Total 193.64	
15063	1104		LF	3/4" Inside Diameter (19 mm) Copper Pipe/Tubing Type L	665.04
			Installation	Quantity 200.00 x Unit Price 3.26 x Factor 1.0200 = Total 665.04	
15063	1104		PCT	For Work In Restricted Working Space, Add	120.36
			Installation	Quantity 200.00 x Unit Price 0.59 x Factor 1.0200 = Total 120.36	
15063	2113		EA	3/4" 90 Degree Elbow, Copper	53.18
			Installation	Quantity 6.00 x Unit Price 8.69 x Factor 1.0200 = Total 53.18	
15063	2113		PCT	For Work In Restricted Working Space, Add	14.32
			Installation	Quantity 6.00 x Unit Price 2.34 x Factor 1.0200 = Total 14.32	
15063	2184		EA	3/4" Straight Copper Coupling	85.68
			Installation	Quantity 10.00 x Unit Price 8.40 x Factor 1.0200 = Total 85.68	
15063	2184		PCT	For Work In Restricted Working Space, Add	23.87
			Installation	Quantity 10.00 x Unit Price 2.34 x Factor 1.0200 = Total 23.87	
15063	2234		EA	3/4" Copper Adapter, Male	21.66
			Installation	Quantity 4.00 x Unit Price 5.31 x Factor 1.0200 = Total 21.66	
15063	2234		PCT	For Work In Restricted Working Space, Add	4.77
			Installation	Quantity 4.00 x Unit Price 1.17 x Factor 1.0200 = Total 4.77	
15092	1201		EA	2.07" Inside Diameter Steel Pipe Sleeve With 12" Link Seals	186.66
			Installation	Quantity 4.00 x Unit Price 45.75 x Factor 1.0200 = Total 186.66	
15094	4112		LF	1/2" Diameter Continuous Threaded Rod, Plain Steel, Bright Finish	187.68
			Installation	Quantity 160.00 x Unit Price 1.15 x Factor 1.0200 = Total 187.68	
15094	4112		PCT	For Work In Restricted Working Space, Add	24.48
			Installation	Quantity 160.00 x Unit Price 0.15 x Factor 1.0200 = Total 24.48	
15094	4122		EA	1/2" Rod Coupling	70.75
			Installation	Quantity 24.00 x Unit Price 2.89 x Factor 1.0200 = Total 70.75	
15094	4132		EA	1/2" Washer, Flat	11.26
			Installation	Quantity 48.00 x Unit Price 0.23 x Factor 1.0200 = Total 11.26	
15094	4152		EA	1/2" Nut, Hex	6.85
			Installation	Quantity 24.00 x Unit Price 0.28 x Factor 1.0200 = Total 6.85	
15094	5341		EA	1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	161.77
			Installation	Quantity 20.00 x Unit Price 7.93 x Factor 1.0200 = Total 161.77	

Sect.	Item	Mod.	UOM	Description	Line Total		
15094	5341		PCT	For Work In Restricted Working Space, Add	28.15		
				Quantity	Unit Price	Factor	Total
				Installation 20.00 x	1.38 x	1.0200 =	28.15
15161	4201		EA	45-340# Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	806.62		
				Quantity	Unit Price	Factor	Total
				Installation 20.00 x	39.54 x	1.0200 =	806.62
15161	4403		EA	550-1920# Rubber In Shear Vibration Isolation With 0.48" Deflection	1,558.34		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	254.63 x	1.0200 =	1,558.34
15182	1302		LF	3/4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	2,257.67		
				Quantity	Unit Price	Factor	Total
				Installation 310.00 x	7.14 x	1.0200 =	2,257.67
15182	1302		PCT	For Water Resistant Cellular Glass Insulation, Add	1,068.86		
				Quantity	Unit Price	Factor	Total
				Installation 210.00 x	4.99 x	1.0200 =	1,068.86
15182	1302		PCT	For Work In Restricted Working Space, Add	295.60		
				Quantity	Unit Price	Factor	Total
				Installation 210.00 x	1.38 x	1.0200 =	295.60
15761	1104		EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,000.79		
				Quantity	Unit Price	Factor	Total
				Installation 1.00 x	981.17 x	1.0200 =	1,000.79
15867	1111		EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	97.73		
				Quantity	Unit Price	Factor	Total
				Installation 1.00 x	95.81 x	1.0200 =	97.73
15920	1201		EA	8 Analog Input, 2 Common Input, 2 Common Output Stand - Alone Multipurpose Controller	2,000.14		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	980.46 x	1.0200 =	2,000.14
15938	1202		EA	3/4" Pneumatic 3-Way Mixing Valve Spring Loaded, Self Adjusting	508.16		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	249.10 x	1.0200 =	508.16
<b>Subtotal for 15</b>					<b>\$14,109.34</b>		

### Section 16

16120	1507		MLF	#1 AWG Cable - Type THW 600 V Copper, Single Stranded, Placed In Conduit	-390.49		
				Quantity	Unit Price	Factor	Total
				Installation -0.28 x	1,367.27 x	1.0200 =	-390.49
16120	1514		MLF	300 MCM Cable - Type THW 600 V Copper, Single Stranded, Placed In Conduit	-4,029.23		
				Quantity	Unit Price	Factor	Total
				Installation -1.10 x	3,591.11 x	1.0200 =	-4,029.23
16120	1573		MLF	#3/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	9,985.26		
				Quantity	Unit Price	Factor	Total
				Installation 4.30 x	2,276.62 x	1.0200 =	9,985.26
16120	1579		MLF	500 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	36,512.42		
				Quantity	Unit Price	Factor	Total
				Installation 6.80 x	5,264.19 x	1.0200 =	36,512.42
16120	1581		MLF	750 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	25,378.66		
				Quantity	Unit Price	Factor	Total
				Installation 3.00 x	8,293.68 x	1.0200 =	25,378.66
16120	1617		MLF	1000 MCM Cable - Type THW 600 V Aluminum, Single Stranded, Placed In Conduit	71,456.71		
				Quantity	Unit Price	Factor	Total
				Installation 8.00 x	8,756.95 x	1.0200 =	71,456.71

Sect.	Item	Mod.	UOM	Description	Line Total
16120	4158		MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,880.30
				Installation	
				Quantity 0.58 x	Total 1,880.30
				Unit Price 3,205.97 x	
				Factor 1.0200 =	
16121	1815		EA	#750 MCM Copper Mechanical Lugs	1,104.21
				Installation	
				Quantity 16.00 x	Total 1,104.21
				Unit Price 67.66 x	
				Factor 1.0200 =	
16121	3603		EA	350 - 500 MCM Cable Termination 15 KV	6,901.73
				Installation	
				Quantity 32.00 x	Total 6,901.73
				Unit Price 211.45 x	
				Factor 1.0200 =	
16131	1241		EA	1/2" Type C, LB, LL Or LR Conduit Bodies And Cover, RGS PVC Coated, Urethane Lined	156.22
				Installation	
				Quantity 4.00 x	Total 156.22
				Unit Price 38.29 x	
				Factor 1.0200 =	
16131	2113		LF	RGS 1" Conduit With Coupling, Mounted Exposed On Flat Wall	307.63
				Installation	
				Quantity 80.00 x	Total 307.63
				Unit Price 3.77 x	
				Factor 1.0200 =	
16131	2113		PCT	For Installation In Concrete, Add	20.40
				Installation	
				Quantity 80.00 x	Total 20.40
				Unit Price 0.25 x	
				Factor 1.0200 =	
16131	2113		PCT	For Work In Restricted Working Space, Add	41.62
				Installation	
				Quantity 80.00 x	Total 41.62
				Unit Price 0.51 x	
				Factor 1.0200 =	
16131	2116		LF	RGS 2" Conduit With Coupling, Mounted Exposed On Flat Wall	449.21
				Installation	
				Quantity 60.00 x	Total 449.21
				Unit Price 7.34 x	
				Factor 1.0200 =	
16131	2116		PCT	For Installation In Concrete, Add	25.70
				Installation	
				Quantity 60.00 x	Total 25.70
				Unit Price 0.42 x	
				Factor 1.0200 =	
16131	2116		PCT	For Work In Restricted Working Space, Add	51.41
				Installation	
				Quantity 60.00 x	Total 51.41
				Unit Price 0.84 x	
				Factor 1.0200 =	
16131	2121		LF	RGS 4" Conduit With Coupling, Mounted Exposed On Flat Wall	5,013.30
				Installation	
				Quantity 250.00 x	Total 5,013.30
				Unit Price 19.66 x	
				Factor 1.0200 =	
16131	2121		PCT	For Work In Restricted Working Space, Add	466.65
				Installation	
				Quantity 250.00 x	Total 466.65
				Unit Price 1.83 x	
				Factor 1.0200 =	
16131	2121		PCT	For Installation Above 14' (4.3 m), Add	232.05
				Installation	
				Quantity 250.00 x	Total 232.05
				Unit Price 0.91 x	
				Factor 1.0200 =	
16131	2133		EA	RGS 1" 90 Degree Elbow, Mounted Exposed On Flat Wall	129.83
				Installation	
				Quantity 8.00 x	Total 129.83
				Unit Price 15.91 x	
				Factor 1.0200 =	
16131	2133		PCT	For Work In Restricted Working Space, Add	26.68
				Installation	
				Quantity 8.00 x	Total 26.68
				Unit Price 3.27 x	
				Factor 1.0200 =	
16131	2133		PCT	For Installation Above 14' (4.3 m), Add	13.38
				Installation	
				Quantity 8.00 x	Total 13.38
				Unit Price 1.64 x	
				Factor 1.0200 =	
16131	2136		EA	RGS 2" 90 Degree Elbow, Mounted Exposed On Flat Wall	301.51
				Installation	
				Quantity 10.00 x	Total 301.51
				Unit Price 29.56 x	
				Factor 1.0200 =	



Sect.	Item	Mod.	UOM	Description	Line Total
16131	2136		PCT	For Work In Restricted Working Space, Add	48.96
			Installation	Quantity 10.00 x Unit Price 4.80 x Factor 1.0200 = Total 48.96	
16131	2136		PCT	For Installation Above 14' (4.3 m), Add	24.48
			Installation	Quantity 10.00 x Unit Price 2.40 x Factor 1.0200 = Total 24.48	
16131	2141		EA	RGS 4" 90 Degree Elbow, Mounted Exposed On Flat Wall	934.73
			Installation	Quantity 8.00 x Unit Price 114.55 x Factor 1.0200 = Total 934.73	
16131	2141		PCT	For Work In Restricted Working Space, Add	97.92
			Installation	Quantity 8.00 x Unit Price 12.00 x Factor 1.0200 = Total 97.92	
16131	2141		PCT	For Installation Above 14' (4.3 m), Add	48.96
			Installation	Quantity 8.00 x Unit Price 6.00 x Factor 1.0200 = Total 48.96	
16131	2521		EA	RGS 4" Fire Stop Fitting	3,021.24
			Installation	Quantity 10.00 x Unit Price 296.20 x Factor 1.0200 = Total 3,021.24	
16131	2521		PCT	For Work In Restricted Working Space, Add	70.99
			Installation	Quantity 10.00 x Unit Price 6.96 x Factor 1.0200 = Total 70.99	
16131	2521		EA	RGS 4" Fire Stop Fitting	3,021.24
			Installation	Quantity 10.00 x Unit Price 296.20 x Factor 1.0200 = Total 3,021.24	
16131	2521		PCT	For Work In Restricted Working Space, Add	70.99
			Installation	Quantity 10.00 x Unit Price 6.96 x Factor 1.0200 = Total 70.99	
16131	2523		EA	RGS 6" Fire Stop Fitting	2,051.83
			Installation	Quantity 4.00 x Unit Price 502.90 x Factor 1.0200 = Total 2,051.83	
16131	2618		LF	3" EMT Conduit With Coupling, Mounted Exposed On Flat Wall	-1,202.38
			Installation	Quantity -140.00 x Unit Price 8.42 x Factor 1.0200 = Total -1,202.38	
16131	2621		LF	4" EMT Conduit With Coupling, Mounted Exposed On Flat Wall	12,555.79
			Installation	Quantity 920.00 x Unit Price 13.38 x Factor 1.0200 = Total 12,555.79	
16131	2621		PCT	For Work In Restricted Working Space, Add	1,792.34
			Installation	Quantity 920.00 x Unit Price 1.91 x Factor 1.0200 = Total 1,792.34	
16131	2621		PCT	For Installation Above 14' (4.3 m), Add	891.48
			Installation	Quantity 920.00 x Unit Price 0.95 x Factor 1.0200 = Total 891.48	
16131	2641		EA	4" EMT 90 Degree Elbow, Mounted Exposed On Flat Wall	889.89
			Installation	Quantity 17.00 x Unit Price 51.32 x Factor 1.0200 = Total 889.89	
16131	2641		PCT	For Work In Restricted Working Space, Add	64.33
			Installation	Quantity 17.00 x Unit Price 3.71 x Factor 1.0200 = Total 64.33	
16131	2641		PCT	For Installation Above 14' (4.3 m), Add	32.08
			Installation	Quantity 17.00 x Unit Price 1.85 x Factor 1.0200 = Total 32.08	

Sect.	Item	Mod.	UOM	Description	Line Total		
16131	2661		EA	4" EMT Set Screw Coupling, Mounted Exposed On Flat Wall	1,906.26		
				Quantity	Unit Price	Factor	Total
				Installation 104.00 x	17.97 x	1.0200 =	1,906.26
16131	2661		PCT	For Work In Restricted Working Space, Add	325.67		
				Quantity	Unit Price	Factor	Total
				Installation 104.00 x	3.07 x	1.0200 =	325.67
16131	2661		PCT	For Installation Above 14' (4.3 m), Add	163.36		
				Quantity	Unit Price	Factor	Total
				Installation 104.00 x	1.54 x	1.0200 =	163.36
16131	2761		EA	4" EMT Insulated Box Connector, Compression	801.11		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	130.90 x	1.0200 =	801.11
16131	2761		PCT	For Work In Restricted Working Space, Add	26.62		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	4.35 x	1.0200 =	26.62
16131	2761		PCT	For Installation Above 14' (4.3 m), Add	13.28		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	2.17 x	1.0200 =	13.28
16131	4513		LF	1" PVC Schedule 80 Conduit With Coupling, Direct Burial In Concrete Slab Or Duct Bank	1,542.24		
				Quantity	Unit Price	Factor	Total
				Installation 800.00 x	1.89 x	1.0200 =	1,542.24
16131	4515		LF	2" PVC Schedule 80 Conduit With Coupling, Direct Burial In Concrete Slab Or Duct Bank	1,731.96		
				Quantity	Unit Price	Factor	Total
				Installation 600.00 x	2.83 x	1.0200 =	1,731.96
16134	7326		EA	36"x36"x12" Cast Iron Pull Box With Cover	1,023.12		
				Quantity	Unit Price	Factor	Total
				Installation 1.00 x	1,003.06 x	1.0200 =	1,023.12
16135	5403		EA	NEMA 4/4X, 800 A Breaker Enclosure	8,609.80		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	4,220.49 x	1.0200 =	8,609.80
16155	2271		EA	Size 00-5, Fused Control Circuit, Magnetic Motor Starter, Factory Modification	985.78		
				Quantity	Unit Price	Factor	Total
				Installation 15.00 x	64.43 x	1.0200 =	985.78
16251	2007		EA	800 A, Automatic Transfer Switch, 600 V, 3 Phase, NEMA 1, 3 Pole Circuit Breaker, Programmable, 3 Or 4 Wire	20,389.80		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	9,995.00 x	1.0200 =	20,389.80
16251	2007		PCT	For NEMA 3R Enclosure, Add	2,824.81		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	1,384.71 x	1.0200 =	2,824.81
16251	3006		EA	600 A, Automatic Transfer Switch, 600 V, 3 Phase, NEMA 1, 4 Pole Circuit Breaker, Programmable, 3 Or 4 Wire	-9,736.94		
				Quantity	Unit Price	Factor	Total
				Installation -1.00 x	9,546.02 x	1.0200 =	-9,736.94
16251	3007		EA	800 A, Automatic Transfer Switch, 600 V, 3 Phase, NEMA 1, 4 Pole Circuit Breaker, Programmable, 3 Or 4 Wire	-11,241.12		
				Quantity	Unit Price	Factor	Total
				Installation -1.00 x	11,020.71 x	1.0200 =	-11,241.12
16251	7107		EA	600 A, Automatic Transfer Switch, 1 Pole, 600 V AC/600V DC	26,706.54		
				Quantity	Unit Price	Factor	Total
				Installation 2.00 x	13,091.44 x	1.0200 =	26,706.54
16330	2217		EA	40 KVA, 230 V, 3 Phase, Delta Primary: 460/266V., 3 Phase., Secondary, Drive Isolation Transformers	11,034.82		
				Quantity	Unit Price	Factor	Total
				Installation 3.00 x	3,606.15 x	1.0200 =	11,034.82

Sect.	Item	Mod.	UOM	Description	Line Total
16470	7145		EA	4000 A DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	31,528.60
				Installation	
				Quantity 1.00 x	
				Unit Price 30,910.39 x	
				Factor 1.0200 =	
					Total 31,528.60
16470	8106		EA	300-600 Amp, Type LC, 3 Pole Circuit Breaker Panel Mounted, WRI, 600 V, Molded Case	-3,595.48
				Installation	
				Quantity -2.00 x	
				Unit Price 1,762.49 x	
				Factor 1.0200 =	
					Total -3,595.48
16471	1117		EA	1200 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, Panelboard, Main Lugs, Unassembled	-2,075.07
				Installation	
				Quantity -1.00 x	
				Unit Price 2,034.38 x	
				Factor 1.0200 =	
					Total -2,075.07
16471	4539		EA	3 Pole, 240/480 V, 300-400 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	1,171.38
				Installation	
				Quantity 1.00 x	
				Unit Price 1,148.41 x	
				Factor 1.0200 =	
					Total 1,171.38
16471	4539		PCT	For Bolt-On, Add	157.17
				Installation	
				Quantity 1.00 x	
				Unit Price 154.09 x	
				Factor 1.0200 =	
					Total 157.17
16510	1232		EA	2'x4' Surface Mounted Box Type Prismatic Lens, 3 T8 Lamps Note: With electronic ballast.	1,672.32
				Installation	
				Quantity 9.00 x	
				Unit Price 182.17 x	
				Factor 1.0200 =	
					Total 1,672.32
16510	5221		EA	8' 2 Lamp, Wet Location Dust Resistant Fluorescent Fixture Note: 2 32 W T8 Lamps, electronic ballast	168.45
				Installation	
				Quantity 0.00 x	
				Unit Price 224.67 x	
				Factor 1.0200 =	
				Demolition	
				Quantity 9.00 x	
				Unit Price 18.35 x	
				Factor 1.0200 =	
					Total 0.00
					168.45
16622	1004		EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 V	1,551.59
				Installation	
				Quantity 1.00 x	
				Unit Price 1,521.17 x	
				Factor 1.0200 =	
					Total 1,551.59
16915	1003		EA	Industrial Control Relay 20 A 120 V Coil 12 Contacts	1,152.45
				Installation	
				Quantity 5.00 x	
				Unit Price 225.97 x	
				Factor 1.0200 =	
					Total 1,152.45
16950	1103		EA	Low Volt Clock Thermostat, Residential With Subbase, Up To 3 Cycles/Day	1,006.45
				Installation	
				Quantity 7.00 x	
				Unit Price 140.96 x	
				Factor 1.0200 =	
					Total 1,006.45
<b>Subtotal for 16</b>					<b>\$270,295.00</b>
<b>Contractor Proposal Review Total</b>					<b>\$382,360.54</b>

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.

DATE October 29, 2007	<b>GC 06 - SBE Estimate</b>		
Job# 06645.01 Loc# 108	CJC Bldg A, Administration, 3228 Gun Club Road PBSO Admin - UPS - additional work		
<i>SUBMITTED BY</i>	HA Contracting Corp. 9500 NW 12th Street Miami, FL 33172	Contract: R-2005-0540 Awarded: 03/15/2005	

Proposal Value:     **\$ 382,360.54**

Contractor/Sub-Contractor	Trade	SBE Status	SBE \$	% of Job
Global Comm.		SBE-Non MWBE	227,470.61	227,470.61
Sean Brown Air Conditioning Inc.		SBE-Non MWBE	8,150.00	8,150.00

Total estimate SBE participation

2

61.62%



**ATTACHMENT # 4**

**Budget Availability Statement**

REQUEST DATE: October 01, 2007

REQUESTED BY: Andre Gonzalez

PHONE#: (561) 233-2037

PROJECT TITLE: PBSO Admin - UPS - additional work

Project No: 06645,01

LOCATION #: 108

LOCATION DESCRIPTION: CJC Bldg A, Administration, 3228 Gun Club Road

ORIGINAL CONTRACT/ANNUAL AMOUNT:

BCC RESOLUTION # / DATE:

R-2005-0540 dated 03/15/2005

CSA/LOA/CHANGE ORDER AMOUNT:

CSA/LOA/CHANGE ORDER NUMBER:

Work Order #:

CONTRACTOR/CONSULTANT NAME:

HA Contracting Corp.

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

Additional electrical.

WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT?

Yes

IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

CONSTRUCTION	382,360.54	
ARCHITECT/ENGINEER	5,735.41	1.5% WORK ORDER AMOUNT FOR TGG FEE
*STAFF COSTS	0.00	
EQUIPMENT/OTHER	0.00	
CONTINGENCY	38,236.05	
<b>TOTAL:</b>	<b>\$426,332.00</b>	

\* 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)

*Funding to be obtained from  
Fy 07 PBSO excess fees.  
3804-411-B406-504907*

- FEDERAL/DAVIS BACON
- AD VALOREM
- OTHER

SUPPLEMENTAL AGREEMENT TO BE APPROVED BY:

BCC (WO > \$100,000)

ANTICIPATED DATE OF APPROVAL: ASAP

BAS APPROVED BY: *10/29/07*

DATE:

*10/29/07*

ENCUMBRANCE NUMBER:

**ATTACHMENT #5**