PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
					Estimate of Materials Quantities and Cost of Construction														

CLICK HERE TO GO BACK TO COST SUMMARY

Sub-Total	#REF!	
Material Sales Tax 6.678%	#REF!	(Adjust the percentage for Material tax as required)
Overhead & Profit / Inflation (Material) 25%	#REF!	(Adjust the percentage for Overhead & Profit as required)
Overhead & Profit (Labor) 25%	#REF!	(Adjust the percentage for Overhead & Profit as required)
Bond Fee 1.5%	#REF!	(Adjust the percentage for Bond Fee as required)
Total Bid	**#REF!**	

Material Wastage 1	0%	(for Quantities in Each & LS)
Material Wastage 2	5%	(for Quantities in LF, SF, SY, CY, LBS, TONS)

(Changing the wastage percentage here will update the wastage for whole tab)

To change hourly rates for any trade please go to "Hourly Rates" Tab

Date: 45997
Project: Trumbull Hillcrest Middle School
Project Location: 530 Daniels Farm Road, Trumbull, CT 06611
Project and Wage Type: Federal Prevailing Wage)

Gross Internal Area of Structure (SF)	
Covered Area of Structure (SF)	139283
No. of Units	1
No. of Floors and Overall Height	
Hardscaping Area (SF)	815,750)
Soft scaping Area (SF)	-)

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT COST WITH MARKUPS	TOTAL COST WITH MARKUPS
			DIV-01		General												#REF!		
					Plan Design And Permitting														
1			DIV-01	General Requirements	Architecture (Assumed By Owner)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
2			DIV-01	General Requirements	Engineering (Assumed By Owner)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
3			DIV-01	General Requirements	Surveying	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
4			DIV-01	General Requirements	Soils Report (Assumed By Owner)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
5			DIV-01	General Requirements	Geological Report (Assumed By Owner)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
6			DIV-01	General Requirements	Concrete Testing	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
7			DIV-01	General Requirements	Permit Fee	(1)		(1)	LS		(-)(	79.3) ($	-)	#REF!		#REF!			
8			DIV-01	General Requirements	Permits (Based On Interior Finish Area)	(1)		(1)	LS	#REF!	#REF!	($	79.3) ($	-)		($ -)		#REF!	#REF!
9			DIV-01	General Requirements	Plan Coordination	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
10			DIV-01	General Requirements	Roof Inspection	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
11			DIV-01	General Requirements	Blueprints (?? Pages)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
											(-)								
					Utilities														
12			DIV-01	General Requirements	Utilities During Construction (Based On Interior Finish Area)	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
13			DIV-01	General Requirements	Port-O-Potty (Based On Interior Finish Area)	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
14			DIV-01	General Requirements	Temporary Power (Based On Interior Finish Area)	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
					Equipment And Tools														
15			DIV-01	General Requirements	Tool Rentals	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
16			DIV-01	General Requirements	Tool Shed	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
17			DIV-01	General Requirements	Dust Control	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
18			DIV-01	General Requirements	Ice, Water, Beverages	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
19			DIV-01	General Requirements	Garbage Dumpster / Trash Containers	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
20			DIV-01	General Requirements	Mobilization/Demobilization (Temporary Control & Facilities)	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
					Signage And Promotion														
21			DIV-01	General Requirements	Job Signs	(1)		(1)	LS		(-)(	79.3) ($	-			($ -)			
22			DIV-01	General Requirements	Job Photos	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
23			DIV-01	General Requirements	Signage	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
24			DIV-01	General Requirements	Promotion/Entertainment	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
25			DIV-01	General Requirements	Misc.	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
					Cleaning And Final														
26			DIV-01	General Requirements	Trash	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
27			DIV-01	General Requirements	Final Cleaning	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
28			DIV-01	General Requirements	Window Washing (Rough # Of Windows)	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
29			DIV-01	General Requirements	Punch List Items	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
					Bonds, Insurance, Legal														
30			DIV-01	General Requirements	Casualty Insurance	(1)		(1)	LS		(-)(	79.3) ($	-			($ -)			
31			DIV-01	General Requirements	Medical Insurance	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
32			DIV-01	General Requirements	General Liability Insurance	(1)		(1)	LS		(-)(	79.3) ($	-)		($ -)			($ -)($	-
					Project Management & Supervision														
33			DIV-01	General Requirements	Project Management & Supervision	(1)		(1)	LS	#REF!	#REF!	($	79.3)	#REF!		#REF!		#REF!	#REF!
			DIV-03		Concrete												$ 4,315,553		
					Slab On Grade														
34	S1.1	S2.4	DIV-03	Concrete - Building	5" Normal Weight Concrete Slab / Sawcut 1/8" Wide T/4 Slab Thickness Control Joints @ 12'-0" Oc. Ew			(82,598)	SF										
35	S1.1	S2.4	DIV-03	Concrete - Building	Excavation	(2,539)	5%	(2,666)		0.385	(1,026.44) ($	93.6) ($	96,075.0)	($	-)	($ 96,075)		($ 45.72	($ 121,890)
36	S1.1	S2.4	DIV-03	Concrete - Building	Compact Exist. Subgrade	(82,598)	5%	86,728)	SF	0.006	(520.37) ($	93.6) ($	48,706.4)	($	-)	($ 48,706)		($ 0.73	($ 61,790)
37	S1.1	S2.4	DIV-03	Concrete - Building	15 Mil Vapor Barrier	(82,598)	5%	86,728)	SF	0.003	(260.18) ($	93.6) ($	24,353.2)	($	0.3) ($	21,682.8) ($	46,035)	($ 0.69	($ 58,875)
38	S1.1	S2.4	DIV-03	Concrete - Building	4" Clean Graded Gravel Base	(82,598)	5%	86,728)	SF	0.010	(867.28) ($	93.6) ($	81,177.4)	($	0.8) ($	65,046.0) ($	146,223)	($ 2.10	($ 185,926)
39	S1.1	S2.4	DIV-03	Concrete - Building	6'-0" Deep Engineered Fill	(18,355)	5%	(19,273)	CY	0.400	(7,709.16) ($	93.6) ($	721,576.9)	($	24.3) ($	469,102.1) ($	1,190,679)	($ 86.01	($ 1,547,471)
40	S1.1	S2.4	DIV-03	Concrete - Building	Formwork	(3,971)	5%	(4,169)	SF	0.050	(208.45) ($	93.6) ($	19,511.0)	($	1.7) ($	7,004.0) ($	26,515)	($ 3.18	($ 38,118)
41	S1.1	S2.4	DIV-03	Concrete - Building	Concrete, 3500 Psi	(1,254)	5%	(1,317)	CY	2.500	(3,292.45) ($	93.6) ($	308,173.5)	($	215.0) ($	283,150.8) ($	591,324)	($ 584.24	($ 780,635)
42	S1.1	S2.4	DIV-03	Concrete - Building	Trowel/ Float Finish	(82,598)	5%	86,728)	SF	0.005	(390.28) ($	93.6) ($	36,529.8)	($	1.0) ($	88,462.8) ($	124,992)	($ 1.50	($ 184,580)
43	S1.1	S2.4	DIV-03	Concrete - Building	Termite Treated Fill	(82,598)	5%	86,728)	SF	0.010	(867.28) ($	93.6) ($	81,177.4)	($	0.8) ($	69,382.4) ($	150,560)	($ 2.26	($ 195,726)
44	S1.1	S2.4	DIV-03	Concrete - Building	6X6-W2.9Xw2.9 W.W.F.(	82,598)	5%	86,728)	SF	0.004	(346.91) ($	93.6) ($	32,471.0)	($	1.3) ($	116,215.5) ($	148,686)	($ 2.27	($ 196,523)
					Slab On Deck														
45	S1.1	S2.4	DIV-03	Concrete - Building	3" Nominal Weight Concrete W/ 6X6-W2.9Xw2.9			(50,124)	SF										
46	S1.1	S2.4	DIV-03	Concrete - Building	Formwork	(600)	5%	630)	SF	0.050	(31.50) ($	93.6) ($	2,948.4)	($	1.7) ($	1,058.4) ($	4,007)	($ 8.18	($ 5,355)
47	S1.1	S2.4	DIV-03	Concrete - Building	Concrete, 4000 Psi	(464)	5%	487)	CY	2.500	(1,218.29) ($	93.6) ($	114,032.1)	($	215.0) ($	104,773.1) ($	218,805)	($ 584.24	($ 289,711)
48	S1.1	S2.4	DIV-03	Concrete - Building	6X6-W2.9Xw2.9 W.W.F.(	50,124)	5%	52,630)	SF	0.004	(210.52) ($	93.6) ($	19,704.7)	($	1.3) ($	70,524.5) ($	90,229)	($ 2.27	($ 119,259)
					Footing														
					Concrete Contin. Footing														
49	S1.1	S3.3	DIV-03	Concrete - Building	3'-0" Wide X 1'-0" Deep Cont. Footing W/ 3#S Cont. Bars, #5 Horiz Bars@16" Oc.			(2,172)	LF										
50	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(644)	5%	676)	CY	0.385	(260.15) ($	93.6) ($	24,350.2)	($	-)	($ 24,350)		($ 45.72	($ 30,894)
51	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(5,516)	5%	5,842)	SF	0.006	(41.05) ($	93.6) ($	3,842.3)	($	-)	($ 3,842)		($ 0.73	($ 4,979)
52	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(4,344)	5%	4,561)	SF	0.050	(228.05) ($	93.6) ($	21,345.3)	($	1.7) ($	7,662.8) ($	29,009)	($ 8.18	($ 37,324)
53	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(241)	5%	253)	CY	2.500	(631.48) ($	93.6) ($	59,294.2)	($	215.0) ($	54,479.7) ($	113,774)	($ 584.24	($ 148,044)
54	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(402)	5%	422)	CY	0.285	(120.36) ($	93.6) ($	11,265.9)	($	-)	($ 11,266)		($ 33.85	($ 14,284)
55	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(241)	5%	253)	CY	0.185	(46.88) ($	93.6) ($	4,387.8)	($	-)	($ 4,388)		($ 21.97	($ 5,567)
56	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 2172)	(3,000)	5%	7,136)	LBS	0.020	(142.72) ($	93.6) ($	13,358.3)	($	0.9) ($	6,636.3) ($	19,995)	($ 3.62	($ 25,818)
57	S1.1	S3.3	DIV-03	Concrete - Building	#5 Horiz Bars@16" Oc. (Lf= 2172)	(13,626)	5%	14,307)	LBS	0.020	(286.15) ($	93.6) ($	26,783.5) ($	0.9) ($	13,305.9) ($	40,089)		($ 3.62	($ 51,765)
					Footing														
					Concrete Contin. Footing														
58	S1.1	S3.3	DIV-03	Concrete - Building	4'-0" Widex1'-0" Deep Cont. Footing W/ 6#S Cont. Bars, #5 Horiz Bars@12" Oc.			(49)	LF										
59	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(22)	5%	23)	CY	0.385	(8.88) ($	93.6) ($	831.1)	($	-)	($ 831)		($ 45.72	($ 1,058)
60	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(247)	5%	259)	SF	0.006	(1.56) ($	93.6) ($	145.7)	($	-)	($ 146)		($ 0.73	($ 189)
61	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(99)	5%	104)	SF	0.050	(5.19) ($	93.6) ($	485.7)	($	1.7) ($	174.4) ($	660)	($ 8.18	($ 850)
62	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(5)	5%	5)	CY	2.500	(22.42) ($	93.6) ($	2,098.9)	($	215.0) ($	1,928.4) ($	4,027)	($ 584.24	($ 5,246)
63	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(13)	5%	14)	CY	0.285	(4.02) ($	93.6) ($	376.0)	($	-)	($ 376)		($ 33.85	($ 477)
64	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(9)	5%	9)	CY	0.185	(1.66) ($	93.6) ($	155.3)	($	-)	($ 155)		($ 21.97	($ 197)
65	S1.1	S3.3	DIV-03	Concrete - Building	6#S Cont. Bars (Lf= 49)	(300)	5%	325)	LBS	0.020	(6.49) ($	93.6) ($	607.9)	($	0.9) ($	302.0) ($	910)	($ 3.62	($ 1,175)
66	S1.1	S3.3	DIV-03	Concrete - Building	#5 Horiz Bars @12" Oc. (Lf= 49)	(619)	5%	649)	LBS	0.020	(12.99) ($	93.6) ($	1,215.9) ($	0.9) ($	604.0) ($	1,820)		($ 3.62	($ 2,350)
67	S1.1	S3.3	DIV-03	Concrete - Building	4'-0" Widex1'-0" Deep Cont. Footing W/ 3#S Cont. Bars, #4 Horiz Bars@12" Oc.			(97)	LF										
68	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(41)	5%	45)	CY	0.385	(17.38) ($	93.6) ($	1,624.8)	($	-)	($ 1,625)		($ 45.72	($ 2,062)
69	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(381)	5%	400)	SF	0.006	(2.43) ($	93.6) ($	227.9)	($	-)	($ 228)		($ 0.73	($ 289)
70	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(193)	5%	203)	SF	0.050	(10.15) ($	93.6) ($	949.6)	($	1.7) ($	340.9) ($	1,290)	($ 8.18	($ 1,660)
71	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(14)	5%	15)	CY	2.500	(37.57) ($	93.6) ($	3,517.8)	($	215.0) ($	3,231.4) ($	6,748)	($ 584.24	($ 8,761)
72	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(28)	5%	30)	CY	0.285	(8.57) ($	93.6) ($	801.9)	($	-)	($ 802)		($ 33.85	($ 1,017)
73	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(14)	5%	15)	CY	0.185	(2.78) ($	93.6) ($	260.3)	($	-)	($ 260)		($ 21.97	($ 330)
74	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 97)	(302)	5%	317)	LBS	0.020	(6.35) ($	93.6) ($	594.2)	($	0.9) ($	295.2) ($	889)	($ 3.62	($ 1,149)
75	S1.1	S3.3	DIV-03	Concrete - Building	#4 Horiz Bars @12" Oc. (Lf= 97)	(1,008)	5%	1,058)	LBS	0.020	(21.16) ($	93.6) ($	1,980.8) ($	0.9) ($	984.1) ($	2,965)		($ 3.62	($ 3,828)
76	S1.1	S3.3	DIV-03	Concrete - Building	2'-4" Widex1'-0" Deep Cont. Footing W/ 2#S Cont. Bars			(40)	LF										
77	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(10)	5%	11)	CY	0.385	(4.23) ($	93.6) ($	396.1)	($	-)	($ 396)		($ 45.72	($ 502)
78	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(101)	5%	106)	SF	0.006	(0.64) ($	93.6) ($	59.5)	($	-)	($ 60)		($ 0.73	($ 78)
79	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(81)	5%	85)	SF	0.050	(4.24) ($	93.6) ($	396.9)	($	1.7) ($	142.5) ($	539)	($ 8.18	($ 694)
80	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(3)	5%	4)	CY	2.500	(9.15) ($	93.6) ($	856.2)	($	215.0) ($	786.7) ($	1,643)	($ 584.24	($ 2,138)
81	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(7)	5%	7)	CY	0.285	(2.09) ($	93.6) ($	195.6)	($	-)	($ 196)		($ 33.85	($ 246)
82	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(3)	5%	4)	CY	0.185	(0.68) ($	93.6) ($	63.4)	($	-)	($ 63)		($ 21.97	($ 80)
83	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 40)	(84)	5%	88)	LBS	0.020	(1.77) ($	93.6) ($	165.6) ($	0.9) ($	82.3) ($	248)		($ 3.62	($ 320)
84	S1.1	S3.3	DIV-03	Concrete - Building	1'-4" Widex1'-3" Deep Cont. Footing W/ 6#S Cont. Bars, #6 Transverse Bars@12" Oc.			(95)	LF										
85	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(46)	5%	48)	CY	0.385	(18.43) ($	93.6) ($	1,724.3)	($	-)	($ 1,725)		($ 45.72	($ 2,198)
86	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(473)	5%	249)	SF	0.006	(2.98) ($	93.6) ($	279.2)	($	-)	($ 279)		($ 0.73	($ 364)
87	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(237)	5%	25)	SF	0.050	(12.43) ($	93.6) ($	1,163.1)	($	1.7) ($	417.5) ($	1,581)	($ 8.18	($ 2,034)
88	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(23)	5%	23)	CY	2.500	(61.33) ($	93.6) ($	5,740.3)	($	215.0) ($	5,274.2) ($	11,015)	($ 584.24	($ 14,332)
89	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(22)	5%	23)	CY	0.285	(6.65) ($	93.6) ($	622.5)	($	-)	($ 622)		($ 33.85	($ 780)
90	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(23)	5%	25)	CY	0.185	(4.54) ($	93.6) ($	424.8)	($	-)	($ 425)		($ 21.97	($ 539)
91	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 95)	(593)	5%	622)	LBS	0.020	(12.44) ($	93.6) ($	1,164.0) ($	0.9) ($	578.6) ($	1,743)		($ 3.62	($ 2,251)
92	S1.1	S3.3	DIV-03	Concrete - Building	#6 Transverse Bars@12" Oc. (Lf= 95)	(1,991)	5%	2,090)	LBS	0.020	(41.81) ($	93.6) ($	3,913.4) ($	0.9) ($	1,944.1) ($	5,858)		($ 3.62	($ 7,564)
93	S1.1	S3.3	DIV-03	Concrete - Building	10'-0" Widex1'-6" Deep Cont. Footing W/ 14#S Cont. Bars, #6 Transverse Bars@12" Oc. T&B			(192)	LF										
94	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(213)	5%	224)		0.385	(86.21) ($	93.6) ($	8,069.1)	($	-)	($ 8,069)		($ 45.72	($ 10,238)
95	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(1,919)	5%	2,015)	SF	0.006	(12.09) ($	93.6) ($	1,131.8)	($	-)	($ 1,132)		($ 0.73	($ 1,476)
96	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(576)	5%	605)	SF	0.050	(30.23) ($	93.6) ($	2,829.4)	($	1.7) ($	1,015.7) ($	3,845)	($ 8.18	($ 4,947)
97	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(107)	5%	112)	CY	2.500	(279.99) ($	93.6) ($	26,198.4)	($	215.0) ($	24,071.2) ($	50,270)	($ 584.24	($ 65,411)
98	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(107)	5%	112)	CY	0.285	(31.91) ($	93.6) ($	2,986.6)	($	-)	($ 2,987)		($ 33.85	($ 3,785)
99	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(107)	5%	112)	CY	0.185	(20.71) ($	93.6) ($	1,938.7)	($	-)	($ 1,939)		($ 21.97	($ 2,460)
100	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 95)	(2,803)	5%	2,943)	LBS	0.020	(58.85) ($	93.6) ($	5,508.7)	($	0.9) ($	2,736.7) ($	8,245)	($ 3.62	($ 10,647)
101	S1.1	S3.3	DIV-03	Concrete - Building	#6 Transverse Bars@12" Oc. (Lf= 95)	(13,261)	5%	13,924)	LBS	0.020	(278.48) ($	93.6) ($	26,065.5) ($	0.9) ($	12,949.2) ($	39,015)		($ 3.62	($ 50,378)
102	S1.1	S3.3	DIV-03	Concrete - Building	10'-0" Widex1'-6" Deep Cont. Footing W/ 14#S Cont. Bars, #6 Transverse Bars@16" Oc.T&B			(76)	LF										
103	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(78)	5%	81)	CY	0.385	(31.33) ($	93.6) ($	2,932.4)	($	-)	($ 2,932)		($ 45.72	($ 3,721)
104	S1.1	S3.3	DIV-03	Concrete - Building	Compact Exist. Subgrade	(698)	5%	732)	SF	0.006	(4.39) ($	93.6) ($	411.3)	($	-)	($ 411)		($ 0.73	($ 533)
105	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(209)	5%	220)	SF	0.050	(10.99) ($	93.6) ($	1,028.3)	($	1.7) ($	369.3) ($	1,397)	($ 8.18	($ 1,798)
106	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(39)	5%	41)	CY	2.500	(101.72) ($	93.6) ($	9,520.9)	($	215.0) ($	8,747.8) ($	18,269)	($ 584.24	($ 23,771)
107	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(39)	5%	41)	CY	0.285	(11.60) ($	93.6) ($	1,085.4)	($	-)	($ 1,085)		($ 33.85	($ 1,377)
108	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(39)	5%	41)	CY	0.185	(7.53) ($	93.6) ($	704.5)	($	-)	($ 705)		($ 21.97	($ 894)
109	S1.1	S3.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 95)	(1,018)	5%	1,069)	LBS	0.020	(21.39) ($	93.6) ($	2,001.9)	($	0.9) ($	994.6) ($	2,996)	($ 3.62	($ 3,869)
110	S1.1	S3.3	DIV-03	Concrete - Building	#6 Transverse Bars@12" Oc. (Lf= 95)	(3,623)	5%	3,805)	LBS	0.020	(76.09) ($	93.6) ($	7,122.2) ($	0.9) ($	3,538.3) ($	10,661)		($ 3.62	($ 13,761)
111	S1.2	S2.3	DIV-03	Concrete - Building	Thickened Slab Edge (1.80 Sf) / 3#S Cont. Bars			(406)	LF										
112	S1.2	S2.3	DIV-03	Concrete - Building	Formwork	(1,218)	5%	1,279)	SF	0.050	(63.96) ($	93.6) ($	5,986.4)	($	1.7) ($	2,149.0) ($	8,135)	($ 8.18	($ 10,467)
113	S1.2	S2.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(27)	5%	28)	CY	2.500	(71.06) ($	93.6) ($	6,651.8)	($	215.0) ($	6,111.5) ($	12,763)	($ 584.24	($ 16,007)
114	S1.2	S2.3	DIV-03	Concrete - Building	Trowel/ Float Finish	(406)	5%	426)	SF	0.005	(1.92) ($	93.6) ($	179.8)	($	1.0) ($	434.9) ($	615)	($ 1.90	($ 809)
115	S1.2	S2.3	DIV-03	Concrete - Building	3#S Cont. Bars (Lf= 500)	(1,272)	5%	1,334)	LBS	0.020	(26.68) ($	93.6) ($	2,497.5)	($	0.9) ($	1,240.8) ($	3,738)	($ 3.62	($ 4,829)
116	S1.2	S2.3	DIV-03	Concrete - Building	Thickened Slab Edge (0.80 Sf) / 3#S Cont. Bars, #4@18" Oc. (2.5 L)			(104)	LF										
117	S1.2	S2.3	DIV-03	Concrete - Building	Formwork	(208)	5%	218)	SF	0.050	(10.92) ($	93.6) ($	1,022.5)	($	1.7) ($	367.1) ($	1,390)	($ 8.18	($ 1,788)
118	S1.2	S2.3	DIV-03	Concr

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
146			DIV-03	Concrete - Building	**F607: 6'-0"X6'-0"X1'-3" Deep Pad Footing**			(7)	EA										
147	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(32)	5%	33	CY	0.385	(12.84)	$ 93.6)	$ 1,201.7)	$ -	$ -	$ 1,202)		$ 45.72	$ 1,525
148	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(12)	5%	12	CY	2.500	30.63)	$ 93.6)	$ 2,866.5)	$ 215.0)	$ 2,633.8)	$ 5,500)		$ 184.24	$ 7,157
149	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(20)	5%	21	CY	0.285	(6.01)	$ 93.6)	$ 562.8)	$ -	$ -	$ 563)		$ 33.85	$ 714)
150	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(12)	5%	12	CY	0.185	(2.27)	$ 93.6)	$ 212.1)	$ -	$ 156.6)	$ 212)		$ 21.97	$ 269)
151	S1.0	S3.0	DIV-03	Concrete - Building	10 #4 Reinf. Bars Each Way, Top & Bott	(160)	5%	168	LBS	0.020	(3.37)	$ 93.6)	$ 315.1)	$ 0.9)	$ -	$ 472)		$ 3.62	$ 609)
152			DIV-03	Concrete - Building	**F70: 7'-0"X7'-0"X1'-6" Deep Pad Footing**			(32)	EA										
153	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(190)	5%	199	CY	0.385	(76.66)	$ 93.6)	$ 7,175.2)	$ -	$ -	$ 7,175)		$ 45.72	$ 9,103)
154	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(64)	5%	67	CY	2.500	168.00)	$ 93.6)	$ 15,724.8)	$ 215.0)	$ 14,448.0)	$ 30,173)		$ 184.24	$ 39,201)
155	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(130)	5%	132	CY	0.285	(37.59)	$ 93.6)	$ 3,518.3)	$ -	$ -	$ 3,519)		$ 33.85	$ 4,469)
156	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(64)	5%	67	CY	0.185	(12.43)	$ 93.6)	$ 1,163.6)	$ -	$ 128.3)	$ 1,164)		$ 21.97	$ 1,476)
157	S1.0	S3.0	DIV-03	Concrete - Building	10 #4 Reinf. Bars Each Way	(131)	5%	138	LBS	0.020	(2.76)	$ 93.6)	$ 258.3)	$ 0.9)	$ -	$ 387)		$ 3.62	$ 499)
158			DIV-03	Concrete - Building	**F70: 7'-0"X7'-0"X1'-6" Deep Pad Footing**			(1)	EA										
159	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(6)	5%	6	CY	0.385	(2.40)	$ 93.6)	$ 224.2)	$ -	$ -	$ 224)		$ 45.72	$ 284)
160	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(2)	5%	2	CY	2.500	(5.25)	$ 93.6)	$ 491.4)	$ 215.0)	$ 451.5)	$ 943)		$ 184.24	$ 1,277)
161	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(4)	5%	4	CY	0.285	(1.17)	$ 93.6)	$ 110.0)	$ -	$ -	$ 110)		$ 33.85	$ 140)
162	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(2)	5%	2	CY	0.185	(0.39)	$ 93.6)	$ 36.4)	$ -	$ 256.7)	$ 36)		$ 21.97	$ 46)
163	S1.0	S3.0	DIV-03	Concrete - Building	9 #5 Reinf. Bars Each Way, Top & Bott	(263)	5%	276	LBS	0.020	(5.52)	$ 93.6)	$ 516.6)	$ 0.9)	$ -	$ 773)		$ 3.62	$ 999)
164			DIV-03	Concrete - Building	**F80: 8'-0"X8'-0"X1'-6" Deep Pad Footing**			(18)	EA										
165	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(135)	5%	142	CY	0.385	(54.57)	$ 93.6)	$ 5,108.1)	$ -	$ -	$ 5,108)		$ 45.72	$ 6,481)
166	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(64)	5%	67	CY	2.500	168.00)	$ 93.6)	$ 15,724.8)	$ 215.0)	$ 14,448.0)	$ 30,173)		$ 184.24	$ 39,201)
167	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(71)	5%	75	CY	0.285	(21.25)	$ 93.6)	$ 1,988.7)	$ -	$ -	$ 1,989)		$ 33.85	$ 2,529)
168	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(64)	5%	67	CY	0.185	(12.43)	$ 93.6)	$ 1,163.6)	$ -	$ 211.2)	$ 1,164)		$ 21.97	$ 1,476)
169	S1.0	S3.0	DIV-03	Concrete - Building	9 #6 Reinf. Bars Each Way	(216)	5%	227	LBS	0.020	(4.54)	$ 93.6)	$ 425.1)	$ 0.9)	$ -	$ 636)		$ 3.62	$ 822)
170			DIV-03	Concrete - Building	**F807: 8'-0"X8'-0"X1'-6" Deep Pad Footing**			(13)	EA										
171	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(98)	5%	102	CY	0.385	(39.41)	$ 93.6)	$ 3,689.2)	$ -	$ -	$ 3,689)		$ 45.72	$ 4,681)
172	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(46)	5%	49	CY	2.500	121.33)	$ 93.6)	$ 11,356.8)	$ 215.0)	$ 10,434.7)	$ 21,791)		$ 184.24	$ 28,359)
173	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(51)	5%	54	CY	0.285	(15.34)	$ 93.6)	$ 1,436.3)	$ -	$ -	$ 1,436)		$ 33.85	$ 1,822)
174	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(46)	5%	49	CY	0.185	(8.98)	$ 93.6)	$ 840.4)	$ -	$ 422.4)	$ 840)		$ 21.97	$ 1,066)
175	S1.0	S3.0	DIV-03	Concrete - Building	9 #6 Reinf. Bars Each Way, Top & Bott	(433)	5%	454	LBS	0.020	(9.08)	$ 93.6)	$ 850.3)	$ 0.9)	$ -	$ 1,273)		$ 3.62	$ 1,643)
176			DIV-03	Concrete - Building	**F90: 9'-0"X9'-0"X2'-0" Deep Pad Footing**			(20)	EA										
177	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(259)	5%	272	CY	0.385	(104.81)	$ 93.6)	$ 9,809.8)	$ -	$ -	$ 9,810)		$ 45.72	$ 12,440)
178	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(120)	5%	126	CY	2.500	315.00)	$ 93.6)	$ 29,484.0)	$ 215.0)	$ 27,090.0)	$ 56,574)		$ 184.24	$ 73,614)
179	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(139)	5%	146	CY	0.285	(41.67)	$ 93.6)	$ 3,900.6)	$ -	$ -	$ 3,901)		$ 33.85	$ 4,949)
180	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(120)	5%	126	CY	0.185	(23.33)	$ 93.6)	$ 2,181.8)	$ -	$ 323.3)	$ 2,182)		$ 21.97	$ 2,769)
181	S1.0	S3.0	DIV-03	Concrete - Building	9 #7 Reinf. Bars Each Way	(331)	5%	348	LBS	0.020	(6.95)	$ 93.6)	$ 650.9)	$ 0.9)	$ -	$ 974)		$ 3.62	$ 1,258)
182			DIV-03	Concrete - Building	**F1007: 10'-0"X10'-0"X2'-3" Deep Pad Footing**			(9)	EA										
183	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(141)	5%	148	CY	0.385	(57.07)	$ 93.6)	$ 5,341.4)	$ -	$ -	$ 5,341)		$ 45.72	$ 6,777)
184	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(75)	5%	79	CY	2.500	196.88)	$ 93.6)	$ 18,427.5)	$ 215.0)	$ 16,931.3)	$ 35,359)		$ 184.24	$ 45,909)
185	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(66)	5%	69	CY	0.285	(19.80)	$ 93.6)	$ 1,853.3)	$ -	$ -	$ 1,853)		$ 33.85	$ 2,351)
186	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(75)	5%	79	CY	0.185	(14.57)	$ 93.6)	$ 1,363.6)	$ -	$ 798.4)	$ 1,364)		$ 21.97	$ 1,730)
187	S1.0	S3.0	DIV-03	Concrete - Building	10 #7 Reinf. Bars Each Way, Top & Bott	(818)	5%	858	LBS	0.020	(17.17)	$ 93.6)	$ 1,607.1)	$ 0.9)	$ -	$ 2,405)		$ 3.62	$ 3,106)
188			DIV-03	Concrete - Building	**F1107: 11'-0"X11'-0"X2'-0" Deep Pad Footing**			(5)	EA										
189	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(93)	5%	98	CY	0.385	(37.73)	$ 93.6)	$ 3,531.5)	$ -	$ -	$ 3,532)		$ 45.72	$ 4,481)
190	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(45)	5%	47	CY	2.500	117.64)	$ 93.6)	$ 11,011.0)	$ 215.0)	$ 10,116.9)	$ 21,128)		$ 184.24	$ 27,492)
191	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(49)	5%	51	CY	0.285	(14.52)	$ 93.6)	$ 1,359.0)	$ -	$ -	$ 1,359)		$ 33.85	$ 1,724)
192	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(45)	5%	47	CY	0.185	(8.71)	$ 93.6)	$ 814.9)	$ -	$ 966.0)	$ 815)		$ 21.97	$ 1,034)
193	S1.0	S3.0	DIV-03	Concrete - Building	11 #7 Reinf. Bars Each Way, Top & Bott	(989)	5%	1,039	LBS	0.020	(20.78)	$ 93.6)	$ 1,944.6)	$ 0.9)	$ -	$ 2,911)		$ 3.62	$ 3,758)
194			DIV-03	Concrete - Building	**F1407: 14'-0"X14'-0"X2'-0" Deep Pad Footing**			(1)	EA										
195	S1.0	S3.0	DIV-03	Concrete - Building	Excavation	(33)	5%	35	CY	0.385	(13.42)	$ 93.6)	$ 1,255.7)	$ -	$ -	$ 1,256)		$ 45.72	$ 1,593)
196	S1.0	S3.0	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(15)	5%	15	CY	2.500	38.11)	$ 93.6)	$ 3,567.2)	$ 215.0)	$ 3,277.8)	$ 6,845)		$ 184.24	$ 8,906)
197	S1.0	S3.0	DIV-03	Concrete - Building	Backfill, Select Borrow	(19)	5%	20	CY	0.285	(5.59)	$ 93.6)	$ 522.8)	$ -	$ -	$ 523)		$ 33.85	$ 663)
198	S1.0	S3.0	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(15)	5%	15	CY	0.185	(2.82)	$ 93.6)	$ 264.0)	$ -	$ 1,564.8)	$ 264)		$ 21.97	$ 335)
199	S1.0	S3.0	DIV-03	Concrete - Building	14 #7 Reinf. Bars Each Way, Top & Bott	(1,602)	5%	1,683	LBS	0.020	(33.65)	$ 93.6)	$ 3,149.9)	$ 0.9)	$ -	$ 4,715)		$ 3.62	$ 6,088)
					Walls														
					Concrete Stem Wall														
200	S1.1	S3.3	DIV-03	Concrete - Building	**16" Thick Concrete Stem Wall (3'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face**			(1,114)	SF										
201	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(248)	5%	260	CY	0.385	(100.08)	$ 93.6)	$ 9,367.5)	$ -	$ -	$ 9,367)		$ 45.72	$ 11,881)
202	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(6,684)	5%	7,019	SF	0.050	(350.93)	$ 93.6)	$ 32,846.9)	$ 1.7)	$ 11,791.2)	$ 44,638)		$ 3.19	$ 57,934)
203	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(165)	5%	173	CY	2.500	432.16)	$ 93.6)	$ 40,450.4)	$ 215.0)	$ 37,166.0)	$ 77,616)		$ 184.24	$ 100,993)
204	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(83)	5%	87	CY	0.285	(24.82)	$ 93.6)	$ 2,323.0)	$ -	$ -	$ 2,323)		$ 33.85	$ 2,947)
205	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(165)	5%	173	CY	0.185	(31.08)	$ 93.6)	$ 2,909.3)	$ -	$ -	$ 2,909)		$ 21.97	$ 3,788)
206	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(4,465)	5%	4,688	LBS	0.020	(93.77)	$ 93.6)	$ 8,776.7)	$ 0.9)	$ 4,360.2)	$ 13,137)		$ 3.62	$ 16,961)
207	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(5,242)	5%	5,504	LBS	0.020	(110.08)	$ 93.6)	$ 10,303.6)	$ 0.9)	$ 5,118.8)	$ 15,422)		$ 3.62	$ 19,914)
208	S1.1	S3.3	DIV-03	Concrete - Building	**14" Thick Concrete Stem Wall (3'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face**			(124)	SF										
209	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(28)	5%	29	CY	0.385	(11.15)	$ 93.6)	$ 1,043.4)	$ -	$ -	$ 1,043)		$ 45.72	$ 1,324)
210	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(745)	5%	17	SF	0.050	(39.09)	$ 93.6)	$ 3,658.7)	$ 1.7)	$ 1,313.4)	$ 4,972)		$ 3.19	$ 6,197)
211	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(16)	5%	17	CY	2.500	41.98)	$ 93.6)	$ 3,929.7)	$ 215.0)	$ 3,610.6)	$ 7,540)		$ 184.24	$ 9,811)
212	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(12)	5%	12	CY	0.285	(3.47)	$ 93.6)	$ 324.4)	$ -	$ -	$ 324)		$ 33.85	$ 412)
213	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(16)	5%	17	CY	0.185	(3.11)	$ 93.6)	$ 290.8)	$ -	$ -	$ 291)		$ 21.97	$ 379)
214	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(497)	5%	522	LBS	0.020	(10.44)	$ 93.6)	$ 977.6)	$ 0.9)	$ 485.7)	$ 1,463)		$ 3.62	$ 1,889)
215	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(584)	5%	613	LBS	0.020	(12.26)	$ 93.6)	$ 1,147.7)	$ 0.9)	$ 570.2)	$ 1,718)		$ 3.62	$ 2,218)
216	S1.1	S3.3	DIV-03	Concrete - Building	**16" Thick Concrete Stem Wall (5'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face**			(540)	SF										
217	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(200)	5%	210	CY	0.385	(80.80)	$ 93.6)	$ 7,563.2)	$ -	$ -	$ 7,563)		$ 45.72	$ 9,590)
218	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(5,397)	5%	5,667	SF	0.050	(283.34)	$ 93.6)	$ 26,520.4)	$ 1.7)	$ 9,520.3)	$ 36,040)		$ 3.19	$ 46,972)
219	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(133)	5%	140	CY	2.500	348.92)	$ 93.6)	$ 32,658.3)	$ 215.0)	$ 30,007.9)	$ 62,667)		$ 184.24	$ 81,549)
220	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(67)	5%	70	CY	0.285	(20.04)	$ 93.6)	$ 1,875.6)	$ -	$ -	$ 1,876)		$ 33.85	$ 2,380)
221	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(133)	5%	140	CY	0.185	(25.82)	$ 93.6)	$ 2,416.8)	$ -	$ -	$ 2,417)		$ 21.97	$ 3,066)
222	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(3,605)	5%	3,785	LBS	0.020	(75.71)	$ 93.6)	$ 7,086.2)	$ 0.9)	$ 3,520.4)	$ 10,607)		$ 3.62	$ 13,696)
223	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(4,232)	5%	4,444	LBS	0.020	(88.88)	$ 93.6)	$ 8,319.0)	$ 0.9)	$ 4,132.8)	$ 12,452)		$ 3.62	$ 16,078)
224	S1.1	S3.3	DIV-03	Concrete - Building	**8" Thick Concrete Stem Wall (4'-4" H) W/ #4@12" Cont. Horiz. Bars, #5@16" Oc. Vert. Bar**			(436)	SF										
225	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(70)	5%	73	CY	0.385	(28.25)	$ 93.6)	$ 2,644.1)	$ -	$ -	$ 2,644)		$ 45.72	$ 3,355)
226	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(3,774)	5%	3,962	SF	0.050	(198.11)	$ 93.6)	$ 18,543.0)	$ 1.7)	$ 6,656.5)	$ 25,199)		$ 3.19	$ 32,423)
227	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(47)	5%	49	CY	2.500	122.53)	$ 93.6)	$ 11,469.2)	$ 215.0)	$ 10,537.9)	$ 22,007)		$ 184.24	$ 28,638)
228	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(23)	5%	24	CY	0.285	(6.94)	$ 93.6)	$ 649.8)	$ -	$ -	$ 650)		$ 33.85	$ 824)
229	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(47)	5%	49	CY	0.185	(9.07)	$ 93.6)	$ 848.7)	$ -	$ -	$ 849)		$ 21.97	$ 1,077)
230	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(2,521)	5%	2,647	LBS	0.020	(52.93)	$ 93.6)	$ 4,954.7)	$ 0.9)	$ 2,461.5)	$ 7,416)		$ 3.62	$ 9,579)
231	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(2,959)	5%	3,107	LBS	0.020	(62.14)	$ 93.6)	$ 5,816.7)	$ 0.9)	$ 2,889.7)	$ 8,706)		$ 3.62	$ 11,242)
232	S1.1	S3.3	DIV-03	Concrete - Building	**8" Thick Concrete Stem Wall (2'-4" H) W/ #4@12" Cont. Horiz. Bars, #4@12" Oc. Vert. Bar**			(102)	SF										
233	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(9)	5%	9	CY	0.385	(3.56)	$ 93.6)	$ 332.8)	$ -	$ -	$ 333)		$ 45.72	$ 422)
234	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(475)	5%	6	SF	0.050	(24.93)	$ 93.6)	$ 2,333.9)	$ 1.7)	$ 837.8)	$ 3,172)		$ 3.19	$ 4,095)
235	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(6)	5%	6	CY	2.500	(15.42)	$ 93.6)	$ 1,443.6)	$ 215.0)	$ 1,326.3)	$ 2,770)		$ 184.24	$ 3,604)
236	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(3)	5%	3	CY	0.285	(0.87)	$ 93.6)	$ 81.8)	$ -	$ -	$ 82)		$ 33.85	$ 104)
237	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(6)	5%	6	CY	0.185	(1.14)	$ 93.6)	$ 106.8)	$ -	$ -	$ 107)		$ 21.97	$ 136)
238	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(317)	5%	333	LBS	0.020	(6.66)	$ 93.6)	$ 621.1)	$ 0.9)	$ 309.8)	$ 931)		$ 3.62	$ 1,205)
239	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Oc. Vert. Bars Each Face (Lft-1114)	(317)	5%	333	LBS	0.020	(6.66)	$ 93.6)	$ 623.6)	$ 0.9)	$ 309.8)	$ 931)		$ 3.62	$ 1,205)
240	S1.1	S3.3	DIV-03	Concrete - Building	**8" Thick Concrete Stem Wall (1'-0" H) W/ #4@12" Cont. Horiz. Bars, #5@16" Oc. Vert. Bar**			(275)	SF										
241	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(10)	5%	11	CY	0.385	(4.11)	$ 93.6)	$ 385.1)	$ -	$ -	$ 385)		$ 45.72	$ 489)
242	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(550)	5%	577	SF	0.050	(28.86)	$ 93.6)	$ 2,700.9)	$ 1.7)	$ 969.8)	$ 3,670)		$ 3.19	$ 4,723)
243	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(7)	5%	7	CY	2.500	(17.85)	$ 93.6)	$ 1,670.6)	$ 215.0)	$ 1,534.9)	$ 3,206)		$ 184.24	$ 4,171)
244	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(3)	5%	3	CY	0.285	(1.01)	$ 93.6)	$ 94.7)	$ -	$ -	$ 95)		$ 33.85	$ 120)
245	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(7)	5%	7	CY	0.185	(1.32)	$ 93.6)	$ 123.6)	$ -	$ -	$ 124)		$ 21.97	$ 157)
246	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(367)	5%	386	LBS	0.020	(7.71)	$ 93.6)	$ 721.7)	$ 0.9)	$ 358.5)	$ 1,080)		$ 3.62	$ 1,395)
247	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(431)	5%	453	LBS	0.020	(9.05)	$ 93.6)	$ 847.2)	$ 0.9)	$ 420.9)	$ 1,268)		$ 3.62	$ 1,637)
248	S1.1	S3.3	DIV-03	Concrete - Building	**12" Thick Concrete Stem Wall (5'-6" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face**			(241)	SF										
249	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(9)	5%	9	CY	0.385	(3.61)	$ 93.6)	$ 337.9)	$ -	$ -	$ 338)		$ 45.72	$ 429)
250	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(321)	5%	338	SF	0.050	(16.88)	$ 93.6)	$ 1,579.0)	$ 1.7)	$ 567.0)	$ 2,147)		$ 3.19	$ 2,768)
251	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(6)	5%	6	CY	2.500	(15.63)	$ 93.6)	$ 1,462.8)	$ 215.0)	$ 1,343.8)	$ 2,806)		$ 184.24	$ 3,652)
252	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(3)	5%	3	CY	0.285	(0.89)	$ 93.6)	$ 83.4)	$ -	$ -	$ 83)		$ 33.85	$ 106)
253	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(6)	5%	6	CY	0.185	(1.16)	$ 93.6)	$ 108.2)	$ -	$ -	$ 108)		$ 21.97	$ 137)
254	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(321)	5%	338	LBS	0.020	(6.75)	$ 93.6)	$ 631.8)	$ 0.9)	$ 313.9)	$ 946)		$ 3.62	$ 1,221)
255	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(377)	5%	396	LBS	0.020	(7.92)	$ 93.6)	$ 741.7)	$ 0.9)	$ 368.5)	$ 1,110)		$ 3.62	$ 1,434)
256	S1.1	S3.3	DIV-03	Concrete - Building	**10" Thick Concrete Stem Wall (3'-6" H) W/ #4@12" Cont. Horiz. Bars Each Face, #4@16" Oc. Vert. Bars Each Face**			(83)	SF										
257	S1.1	S3.3	DIV-03	Concrete - Building	Excavation	(16)	5%	17	CY	0.385	(6.53)	$ 93.6)	$ 611.1)	$ -	$ -	$ 611)		$ 45.72	$ 779)
258	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(581)	5%	610	SF	0.050	(30.52)	$ 93.6)	$ 2,857.1)	$ 1.7)	$ 1,025.0)	$ 3,883)		$ 3.19	$ 4,996)
259	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(9)	5%	9	CY	2.500	(23.46)	$ 93.6)	$ 2,195.7)	$ 215.0)	$ 2,017.4)	$ 4,213)		$ 184.24	$ 5,482)
260	S1.1	S3.3	DIV-03	Concrete - Building	Backfill, Select Borrow	(7)	5%	8	CY	0.285	(2.16)	$ 93.6)	$ 202.1)	$ -	$ -	$ 202)		$ 33.85	$ 256)
261	S1.1	S3.3	DIV-03	Concrete - Building	Hauling Of Excave. Soil	(9)	5%	9	CY	0.185	(1.74)	$ 93.6)	$ 162.9)	$ -	$ -	$ 162)		$ 21.97	$ 206)
262	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-1114)	(388)	5%	408	LBS	0.020	(8.16)	$ 93.6)	$ 763.4)	$ 0.9)	$ 379.3)	$ 1,143)		$ 3.62	$ 1,475)
263	S1.1	S3.3	DIV-03	Concrete - Building	#5@16" Oc. Vert. Bars Each Face (Lft-1114)	(456)	5%	479	LBS	0.020	(9.58)	$ 93.6)	$ 896.2)	$ 0.9)	$ 445.2)	$ 1,341)		$ 3.62	$ 1,732)
					Concrete Wall														
264	S1.1	S3.3	DIV-03	Concrete - Building	**24" Thick Concrete Wall (14'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #7@12" Oc. Vert. Bars Each Face, #8 Vert. Dowels@6" Oc., #8 Vert. Dowels@12" Oc. (6'-0" L)**			(136)	SF										
265	S1.1	S3.3	DIV-03	Concrete - Building	Formwork	(3,822)	5%	4,013	SF	0.050	(200.64)	$ 93.6)	$ 18,779.9)	$ 1.7)	$ 6,741.5)	$ 25,521)		$ 3.19	$ 32,897)
266	S1.1	S3.3	DIV-03	Concrete - Building	Concrete, 4,500 Psi	(94)	5%	99	CY	2.500	(247.08)	$ 93.6)	$ 23,127.1)	$ 215.0)	$ 21,249.3)	$ 44,376)		$ 184.24	$ 57,949)
267	S1.1	S3.3	DIV-03	Concrete - Building	#4@12" Cont. Horiz. Bars Each Face (Lft-138)	(2,553)	5%	2,681	LBS	0.020	(53.61)	$ 93.6)	$ 5,018.8)	$ 0.9)	$ 2

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
311	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/8 (15'-0" H)	1,904	5%	1,999	LBS	0.043	86.34 LFS	102.0 $	8,807.0 $	2.6 $	5,196.8 $	14,004		$ 9.07	$ 17,739
312	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (2'-0" H)	47	5%	49	LBS	0.043	2.12 LFS	102.0 $	216.0 $	2.6 $	127.4 $	343		$ 9.07	$ 668
313	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (10'-0" H)	140	5%	147	LBS	0.043	6.35 LFS	102.0 $	647.9 $	2.6 $	382.3 $	1,030		$ 9.07	$ 1,935
314	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (14'-0" H)	980	5%	1,029	LBS	0.043	44.47 LFS	102.0 $	4,535.5 $	2.6 $	2,676.2 $	7,212		$ 9.07	$ 13,541
315	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (15'-0" H)	1,400	5%	1,470	LBS	0.043	63.52 LFS	102.0 $	6,479.3 $	2.6 $	3,823.3 $	10,302		$ 9.07	$ 19,339
316	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (18'-0" H)	10,503	5%	11,028	LBS	0.043	476.42 LFS	102.0 $	48,594.4 $	2.6 $	28,673.2 $	77,268		$ 9.07	$ 145,072
317	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X8X5/16 (24'-0" H)	560	5%	588	LBS	0.043	25.41 LFS	102.0 $	2,591.7 $	2.6 $	1,529.2 $	4,121		$ 9.07	$ 7,737
318	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (15'-0" H)	1,190	5%	1,250	LBS	0.043	53.99 LFS	102.0 $	5,507.4 $	2.6 $	3,249.6 $	8,757		$ 9.07	$ 16,433
319	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (15'-0" H)	1,319	5%	1,385	LBS	0.043	59.84 LFS	102.0 $	6,103.3 $	2.6 $	3,601.3 $	9,705		$ 9.07	$ 18,217
320	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (18'-0" H)	6,106	5%	6,411	LBS	0.043	276.86 LFS	102.0 $	28,245.7 $	2.6 $	16,668.8 $	44,919		$ 9.07	$ 84,329
321	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (19'-0" H)	716	5%	752	LBS	0.043	32.48 LFS	102.0 $	3,313.2 $	2.6 $	1,955.0 $	5,268		$ 9.07	$ 6,817
322	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (21'-0" H)	2,374	5%	2,493	LBS	0.043	107.71 LFS	102.0 $	10,986.0 $	2.6 $	6,482.3 $	17,468		$ 9.07	$ 22,602
323	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (25'-0" H)	942	5%	989	LBS	0.043	42.74 LFS	102.0 $	4,359.5 $	2.6 $	2,572.3 $	6,932		$ 9.07	$ 8,969
324	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (28'-0" H)	1,206	5%	1,266	LBS	0.043	54.71 LFS	102.0 $	5,580.2 $	2.6 $	3,292.6 $	8,873		$ 9.07	$ 11,481
325	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (29'-0" H)	3,618	5%	3,799	LBS	0.043	164.12 LFS	102.0 $	16,740.6 $	2.6 $	9,877.8 $	26,618		$ 9.07	$ 34,427
326	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (34'-0" H)	2,412	5%	2,533	LBS	0.043	109.42 LFS	102.0 $	11,160.4 $	2.6 $	6,585.2 $	17,746		$ 9.07	$ 22,951
327	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (38'-0" H)	1,898	5%	1,993	LBS	0.043	86.10 LFS	102.0 $	8,782.0 $	2.6 $	5,182.2 $	13,965		$ 9.07	$ 18,067
328	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (40'-0" H)	2,373	5%	2,491	LBS	0.043	107.63 LFS	102.0 $	10,978.3 $	2.6 $	6,477.7 $	17,456		$ 9.07	$ 22,580
329	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (42'-0" H)	7,474	5%	7,848	LBS	0.043	339.04 LFS	102.0 $	34,581.8 $	2.6 $	20,404.9 $	54,986		$ 9.07	$ 71,147
330	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (44'-0" H)	16,440	5%	17,262	LBS	0.043	673.57 LFS	102.0 $	68,704.4 $	2.6 $	40,552.1 $	109,257		$ 9.07	$ 156,407
331	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (46'-0" H)	19,101	5%	20,056	LBS	0.043	866.42 LFS	102.0 $	88,375.2 $	2.6 $	52,145.8 $	140,521		$ 9.07	$ 181,821
332	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (48'-0" H)	20,347	5%	21,364	LBS	0.043	922.93 LFS	102.0 $	94,138.8 $	2.6 $	55,546.7 $	149,685		$ 9.07	$ 193,628
333	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (51'-0" H)	9,076	5%	9,530	LBS	0.043	411.69 LFS	102.0 $	41,991.9 $	2.6 $	24,777.4 $	66,769		$ 9.07	$ 86,353
334	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (52'-0" H)	6,169	5%	6,478	LBS	0.043	279.84 LFS	102.0 $	28,541.5 $	2.6 $	16,842.1 $	45,383		$ 9.07	$ 58,725
335	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X5/8 (54'-0" H)	9,610	5%	10,090	LBS	0.043	435.90 LFS	102.0 $	44,462.0 $	2.6 $	26,234.9 $	70,697		$ 9.07	$ 91,475
336	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8X8X1/2 (45'-0" H)	2,198	5%	2,308	LBS	0.043	99.71 LFS	102.0 $	10,170.7 $	2.6 $	6,001.2 $	16,172		$ 9.07	$ 20,925
337	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X1/2 (52'-0" H)	2,540	5%	2,667	LBS	0.043	115.22 LFS	102.0 $	11,752.8 $	2.6 $	6,934.7 $	18,688		$ 9.07	$ 24,181
338	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (14'-0" H)	1,198	5%	1,258	LBS	0.043	54.35 LFS	102.0 $	5,543.4 $	2.6 $	3,270.9 $	8,814		$ 9.07	$ 11,405
339	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (20'-0" H)	2,482	5%	2,606	LBS	0.043	112.58 LFS	102.0 $	11,482.7 $	2.6 $	6,775.4 $	18,258		$ 9.07	$ 23,623
340	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (42'-0" H)	3,594	5%	3,774	LBS	0.043	163.04 LFS	102.0 $	16,630.1 $	2.6 $	9,812.6 $	26,443		$ 9.07	$ 34,214
341	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (43'-0" H)	1,840	5%	1,932	LBS	0.043	83.48 LFS	102.0 $	8,513.0 $	2.6 $	5,023.3 $	13,536		$ 9.07	$ 17,519
342	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (45'-0" H)	5,777	5%	6,065	LBS	0.043	262.03 LFS	102.0 $	26,726.9 $	2.6 $	15,770.3 $	42,497		$ 9.07	$ 54,987
343	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (48'-0" H)	6,162	5%	6,470	LBS	0.043	279.50 LFS	102.0 $	28,508.7 $	2.6 $	16,821.8 $	45,330		$ 9.07	$ 58,659
344	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (49'-0" H)	2,097	5%	2,202	LBS	0.043	95.11 LFS	102.0 $	9,700.9 $	2.6 $	5,724.0 $	15,425		$ 9.07	$ 19,968
345	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (51'-0" H)	6,547	5%	6,874	LBS	0.043	296.97 LFS	102.0 $	30,290.5 $	2.6 $	17,873.0 $	48,163		$ 9.07	$ 62,319
346	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (54'-0" H)	2,225	5%	2,336	LBS	0.043	100.93 LFS	102.0 $	10,294.8 $	2.6 $	6,074.5 $	16,369		$ 9.07	$ 21,180
347	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X8X5/8 (54'-0" H)	4,621	5%	4,852	LBS	0.043	209.62 LFS	102.0 $	21,381.6 $	2.6 $	12,616.2 $	33,998		$ 9.07	$ 43,990
348	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X10X1/8 (12'-0" H)	1,916	5%	2,012	LBS	0.043	86.93 LFS	102.0 $	8,864.8 $	2.6 $	5,230.7 $	14,095		$ 9.07	$ 18,238
349	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X10X1/8 (27'-0" H)	5,173	5%	5,432	LBS	0.043	234.68 LFS	102.0 $	23,934.9 $	2.6 $	14,122.8 $	38,058		$ 9.07	$ 49,263
350	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X10X3/8 (32'-0" H)	3,066	5%	3,219	LBS	0.043	139.08 LFS	102.0 $	14,183.7 $	2.6 $	8,369.1 $	22,553		$ 9.07	$ 29,181
351	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X10X3/8 (11'-0" H)	1,581	5%	1,660	LBS	0.043	71.70 LFS	102.0 $	7,313.5 $	2.6 $	4,315.9 $	11,629		$ 9.07	$ 15,041
352	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss12.750X0.375 (34'-0" H)	3,373	5%	3,541	LBS	0.043	152.99 LFS	102.0 $	15,605.0 $	2.6 $	9,207.7 $	24,813		$ 9.07	$ 32,101
353	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10.750X0.375 (34'-0" H)	1,686	5%	1,771	LBS	0.043	76.50 LFS	102.0 $	7,802.5 $	2.6 $	4,603.9 $	12,406		$ 9.07	$ 16,051
354	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10.750X0.375 (52'-0" H)	2,579	5%	2,708	LBS	0.043	116.99 LFS	102.0 $	11,933.2 $	2.6 $	7,041.2 $	18,974		$ 9.07	$ 24,551
355	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8.625X0.188 (18'-0" H)	310	5%	325	LBS	0.043	14.04 LFS	102.0 $	1,432.4 $	2.6 $	845.2 $	2,278		$ 9.07	$ 2,947
356	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8.625X0.188 (12'-0" H)	550	5%	578	LBS	0.043	24.97 LFS	102.0 $	2,546.5 $	2.6 $	1,502.8 $	4,049		$ 9.07	$ 5,239
357	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss8.625X0.375 (40'-0" H)	2,880	5%	3,024	LBS	0.043	130.64 LFS	102.0 $	13,325.0 $	2.6 $	7,862.8 $	21,187		$ 9.07	$ 27,414
358	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X0.375 (34'-0" H)	840	5%	882	LBS	0.043	38.10 LFS	102.0 $	3,886.4 $	2.6 $	2,293.2 $	6,180		$ 9.07	$ 7,996
359	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X0.375 (21'-0" H)	1,380	5%	1,449	LBS	0.043	62.60 LFS	102.0 $	6,384.9 $	2.6 $	3,767.4 $	10,152		$ 9.07	$ 13,134
360	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X0.375 (24'-0" H)	2,610	5%	2,741	LBS	0.043	118.39 LFS	102.0 $	12,075.7 $	2.6 $	7,125.9 $	19,201		$ 9.07	$ 24,844
361	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss10X0.375 (42'-0" H)	2,520	5%	2,646	LBS	0.043	114.31 LFS	102.0 $	11,659.3 $	2.6 $	6,879.6 $	18,539		$ 9.07	$ 23,984
362	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (21'-0" H)	1,617	5%	1,698	LBS	0.041	68.76 LFS	102.0 $	7,013.8 $	2.6 $	4,414.4 $	11,428		$ 8.72	$ 14,795
363	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (22'-0" H)	1,694	5%	1,779	LBS	0.041	72.04 LFS	102.0 $	7,347.8 $	2.6 $	4,624.6 $	11,972		$ 8.72	$ 15,503
364	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (24'-0" H)	3,696	5%	3,881	LBS	0.041	157.17 LFS	102.0 $	16,031.8 $	2.6 $	10,090.1 $	26,122		$ 8.72	$ 33,825
365	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (26'-0" H)	8,008	5%	8,408	LBS	0.041	340.54 LFS	102.0 $	34,735.1 $	2.6 $	21,861.8 $	56,597		$ 8.72	$ 73,285
366	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (27'-0" H)	10,395	5%	10,915	LBS	0.041	442.05 LFS	102.0 $	45,088.3 $	2.6 $	28,378.6 $	73,467		$ 8.72	$ 95,135
367	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (28'-0" H)	2,156	5%	2,264	LBS	0.041	91.68 LFS	102.0 $	9,351.8 $	2.6 $	5,885.9 $	15,238		$ 8.72	$ 19,732
368	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (30'-0" H)	16,170	5%	16,979	LBS	0.041	687.63 LFS	102.0 $	70,138.2 $	2.6 $	44,144.1 $	114,282		$ 8.72	$ 147,988
369	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (31'-0" H)	2,387	5%	2,506	LBS	0.041	101.51 LFS	102.0 $	10,353.7 $	2.6 $	6,516.5 $	16,870		$ 8.72	$ 21,846
370	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (33'-0" H)	22,869	5%	24,012	LBS	0.041	972.50 LFS	102.0 $	99,195.4 $	2.6 $	62,432.4 $	161,628		$ 8.72	$ 209,297
371	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (34'-0" H)	2,618	5%	2,749	LBS	0.041	111.33 LFS	102.0 $	11,355.7 $	2.6 $	7,147.3 $	18,503		$ 8.72	$ 23,960
372	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X77 (38'-0" H)	5,852	5%	6,145	LBS	0.041	248.88 LFS	102.0 $	25,383.3 $	2.6 $	15,976.0 $	41,359		$ 8.72	$ 53,557
373	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X49 (29'-0" H)	1,421	5%	1,492	LBS	0.041	60.43 LFS	102.0 $	6,163.7 $	2.6 $	3,879.3 $	10,043		$ 8.72	$ 13,005
					Base Plates														
374	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Bp-1: 16"X16"X1" Base Plate	5,510	5%	5,786	LBS	0.041	234.31 LFS	102.0 $	23,899.3 $	2.6 $	15,042.3 $	38,942		$ 8.72	$ 50,428
375	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Bp-2: 16"X12"X1 1/4" Base Plate	408	5%	428	LBS	0.041	17.35 LFS	102.0 $	1,769.7 $	2.6 $	1,113.8 $	2,884		$ 8.72	$ 3,734
376	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Bp-3: 14"X14"X1" Base Plate	611	5%	641	LBS	0.041	25.96 LFS	102.0 $	2,648.1 $	2.6 $	1,666.7 $	4,315		$ 8.72	$ 5,587
377	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Bp-5: 16"X14"X1 1/2" Base Plate	9,409	5%	9,879	LBS	0.041	400.12 LFS	102.0 $	40,812.0 $	2.6 $	25,686.6 $	66,499		$ 8.72	$ 86,115
					Steel Beams														
378	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W8X12 Steel Beam	995	5%	1,045	LBS	0.041	42.30 LFS	102.0 $	4,315.0 $	2.1 $	2,193.5 $	6,509		$ 8.05	$ 8,406
379	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W8X10 Steel Beam	527	5%	554	LBS	0.041	22.42 LFS	102.0 $	2,287.2 $	2.1 $	1,162.7 $	3,450		$ 8.05	$ 4,456
380	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W8X18 Steel Beam	30,569	5%	32,098	LBS	0.041	1,299.96 LFS	102.0 $	132,596.3 $	2.1 $	67,405.5 $	200,002		$ 8.05	$ 258,321
381	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W8X24 Steel Beam W10X12	62,644	5%	65,776	LBS	0.041	2,663.94 LFS	102.0 $	271,721.8 $	2.1 $	138,130.3 $	409,852		$ 8.05	$ 529,468
382	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Steel Beam W10X15 Steel	2,822	5%	2,963	LBS	0.041	120.00 LFS	102.0 $	12,240.2 $	2.1 $	6,222.3 $	18,463		$ 8.05	$ 23,846
383	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Beam W10X22 Steel Beam	151	5%	159	LBS	0.041	6.43 LFS	102.0 $	655.8 $	2.1 $	333.4 $	989		$ 8.05	$ 1,278
384	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W10X30 Steel Beam	20,615	5%	21,646	LBS	0.041	876.65 LFS	102.0 $	89,418.1 $	2.1 $	45,455.8 $	134,874		$ 8.05	$ 174,221
385	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W12X14 Steel Beam	3,254	5%	3,417	LBS	0.041	138.38 LFS	102.0 $	14,114.8 $	2.1 $	7,175.3 $	21,290		$ 8.05	$ 27,498
386	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W12X19 Steel Beam	4,298	5%	4,513	LBS	0.041	182.78 LFS	102.0 $	18,644.0 $	2.1 $	9,477.7 $	28,122		$ 8.05	$ 36,322
387	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W14X22 Steel Beam	21,857	5%	22,950	LBS	0.041	929.46 LFS	102.0 $	94,805.3 $	2.1 $	48,194.3 $	142,999		$ 8.05	$ 184,677
388	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W14X26 Steel Beam	20,394	5%	21,414	LBS	0.041	867.27 LFS	102.0 $	88,461.9 $	2.1 $	44,969.3 $	133,432		$ 8.05	$ 172,340
389	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W14X30 Steel Beam	1,159	5%	1,217	LBS	0.041	49.29 LFS	102.0 $	5,027.6 $	2.1 $	2,555.8 $	7,583		$ 8.05	$ 9,795
390	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W14X38 Steel Beam	6,138	5%	6,445	LBS	0.041	261.02 LFS	102.0 $	26,623.9 $	2.1 $	13,534.3 $	40,158		$ 8.05	$ 51,868
391	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W16X26 Steel Beam	4,765	5%	5,003	LBS	0.041	202.62 LFS	102.0 $	20,667.6 $	2.1 $	10,506.4 $	31,174		$ 8.05	$ 40,304
392	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W16X31 Steel Beam	60,368	5%	63,387	LBS	0.041	2,567.15 LFS	102.0 $	261,849.7 $	2.1 $	133,111.7 $	394,961		$ 8.05	$ 510,130
393	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W16X36 Steel Beam	1,950	5%	2,047	LBS	0.041	82.91 LFS	102.0 $	8,456.4 $	2.1 $	4,298.8 $	12,755		$ 8.05	$ 16,479
394	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W18X35 Steel Beam	18,000	5%	18,900	LBS	0.041	765.45 LFS	102.0 $	78,075.9 $	2.1 $	39,690.0 $	117,766		$ 8.05	$ 152,109
395	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W18X40 Steel Beam	69,283	5%	72,747	LBS	0.041	2,944.58 LFS	102.0 $	300,260.9 $	2.1 $	152,785.5 $	453,046		$ 8.05	$ 585,221
396	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W18X46 Steel Beam	122,420	5%	128,541	LBS	0.041	5,205.91 LFS	102.0 $	531,002.9 $	2.1 $	269,936.1 $	800,939		$ 8.05	$ 1,034,488
397	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W18X50 Steel Beam	1,368	5%	1,436	LBS	0.041	58.16 LFS	102.0 $	5,931.9 $	2.1 $	3,015.5 $	8,947		$ 8.05	$ 11,556
398	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X44 Steel Beam	41,216	5%	43,276	LBS	0.041	1,752.69 LFS	102.0 $	178,774.3 $	2.1 $	90,888.0 $	269,654		$ 8.05	$ 348,384
399	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X48 Steel Beam	116,050	5%	121,853	LBS	0.041	4,935.04 LFS	102.0 $	503,374.6 $	2.1 $	255,891.2 $	759,266		$ 8.05	$ 980,663
400	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X50 Steel Beam	2,073	5%	2,176	LBS	0.041	88.14 LFS	102.0 $	8,990.2 $	2.1 $	4,570.3 $	13,560		$ 8.05	$ 17,514
401	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X62 Steel Beam	3,117	5%	3,273	LBS	0.041	132.55 LFS	102.0 $	13,520.1 $	2.1 $	6,873.8 $	20,393		$ 8.05	$ 26,340
402	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X68 Steel Beam	12,443	5%	13,065	LBS	0.041	529.13 LFS	102.0 $	53,971.2 $	2.1 $	27,436.3 $	81,408		$ 8.05	$ 105,145
403	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W21X83 Steel Beam	2,362	5%	2,480	LBS	0.041	100.43 LFS	102.0 $	10,243.7 $	2.1 $	5,207.4 $	15,451		$ 8.05	$ 19,957
404	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X55 Steel Beam	192,869	5%	202,512	LBS	0.041	8,201.74 LFS	102.0 $	836,577.9 $	2.1 $	425,275.8 $	1,261,854		$ 8.05	$ 1,629,801
405	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X62 Steel Beam	81,951	5%	86,050	LBS	0.041	3,485.04 LFS	102.0 $	355,474.2 $	2.1 $	180,727.3 $	536,180		$ 8.05	$ 692,577
406	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X68 Steel Beam	12,962	5%	13,610	LBS	0.041	551.22 LFS	102.0 $	56,224.8 $	2.1 $	28,582.0 $	84,807		$ 8.05	$ 109,530
407	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X74 Steel Beam	10,997	5%	11,453	LBS	0.041	463.83 LFS	102.0 $	47,310.5 $	2.1 $	24,050.4 $	71,361		$ 8.05	$ 92,189
408	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X76 Steel Beam	3,041	5%	3,193	LBS	0.041	129.34 LFS	102.0 $	13,192.2 $	2.1 $	6,706.3 $	19,899		$ 8.05	$ 25,701
409	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W24X84 Steel Beam	6,803	5%	7,140	LBS	0.041	289.10 LFS	102.0 $	29,494.1 $	2.1 $	14,990.4 $	44,488		$ 8.05	$ 57,466
410	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W27X84 Steel Beam	83,850	5%	88,043	LBS	0.041	3,565.74 LFS	102.0 $	363,705.6 $	2.1 $	184,890.3 $	548,596		$ 8.05	$ 708,568
411	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W27X94 Steel Beam	28,573	5%	30,001	LBS	0.041	1,215.05 LFS	102.0 $	123,935.3 $	2.1 $	63,002.6 $	186,938		$ 8.05	$ 241,446
412	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W27X102 Steel Beam	7,803	5%	8,193	LBS	0.041	331.82 LFS	102.0 $	33,845.6 $	2.1 $	17,205.5 $	51,051		$ 8.05	$ 65,931
413	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W30X108 Steel Beam	4,200	5%	4,410	LBS	0.041	178.62 LFS	102.0 $	18,219.3 $	2.1 $	9,261.8 $	27,481		$ 8.05	$ 35,494
414	S1.1, S1.2	S3.4	DIV-05	Structural Steel	W33X124 Steel Beam	4,503	5%	4,732	LBS	0.041	191.65 LFS	102.0 $	19,548.6 $	2.1 $	9,937.0 $	29,486		$ 8.05	$ 38,080
415	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss5X5X5/16 Steel Beam	5,167	5%	5,425	LBS	0.041	219.73 LFS	102.0 $	22,412.5 $	2.1 $	11,393.4 $	33,806		$ 8.05	$ 43,663
416	S1.1, S1.2	S3.4	DIV-05	Structural Steel	Hss6X6X1/2 Steel Beam	17,163	5%	18,021	LBS	0.041	778.52 LFS	102.0 $	79,409.4 $	2.6 $	46,855.6 $	126,265		$ 9.07	$ 163,375
417	S1.1, S1.2	S3

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
481	A107	A107	DIV-07	Roofer	1 5/8" Masonry Veneer	18,503	5%	19,429	SF	0.080	1,554.28	$ 97.4	$ 151,449.43	$ 8.5	$ 165,142.71	$ 316,592		$ 21.25	$ 412,870
482	A107	A107	DIV-07	Roofer	1" Mineral Wool Insulation	18,503	5%	19,429	SF	0.012	233.14	$ 97.4	$ 22,717.41	$ 2.0	$ 38,857.31	$ 61,575		$ 4.16	$ 80,750
483	A107	A107	DIV-07	Roofer	Weather Barrier	18,503	5%	19,429	SF	0.003	58.29	$ 97.4	$ 5,679.4	$ 0.3	$ 4,857.3	$ 10,536		$ 0.71	$ 13,897
					Standing Seam Siding														
484	A107	A107	DIV-07	Roofer	Standing Seam Metal Siding	1,600	5%	1,680	SF	0.040	67.21	$ 97.4	$ 6,548.7	$ 3.5	$ 5,880.7	$ 12,429		$ 9.67	$ 16,168
485	A107	A107	DIV-07	Roofer	1" Mineral Wool Insulation	1,600	5%	1,680	SF	0.012	20.16	$ 97.4	$ 1,964.8	$ 2.0	$ 3,360.4	$ 5,325		$ 4.16	$ 6,960
486	A107	A107	DIV-07	Roofer	Weather Barrier	1,600	5%	1,680	SF	0.003	5.04	$ 97.4	$ 491.2	$ 0.3	$ 420.0	$ 911		$ 0.71	$ 1,192
					Misc														
487	A107	A107	DIV-07	Roofer	Plain Window Sill W/ Solid Wood Edge	1,500	5%	1,575	SF	0.100	157.52	$ 97.4	$ 15,348.7	$ 12.0	$ 18,902.4	$ 34,251		$ 28.46	$ 44,737
488	A107	A107	DIV-07	Roofer	1/2" F-Reveal Trim	1,500	5%	1,575	SF	0.050	78.76	$ 97.4	$ 7,674.4	$ 3.5	$ 5,513.2	$ 13,188		$ 10.86	$ 17,102
489	A107	A107	DIV-07	Roofer	3X Joint Sealant & Backer Rod	20,102	5%	27,407	SF	0.010	274.07	$ 97.4	$ 26,705.0	$ 0.5	$ 13,703.3	$ 40,408		$ 1.90	$ 52,997
490	A107	A107	DIV-07	Roofer	Metal Flashing W/ Hemmed Edge	8,701	5%	9,136	SF	0.025	228.39	$ 97.4	$ 22,254.1	$ 3.3	$ 29,680.5	$ 51,945		$ 7.49	$ 67,937
			DIV-08		**Openings**												#REF!		
					Doors														
491	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(2'-8" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	4.052	4.05	$ 95.5	$ 387.1	$ 1,066.4	$ 1,066.4	$ 1,454		$ 1,916.43	$ 1,916
492	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	152		152	EA	4.558	692.82	$ 95.5	$ 66,196.9	$ 1,199.7	$ 182,354.4	$ 248,551		$ 2,155.99	$ 327,710
493	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-3" X7'-2 1/16" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	4.938	4.94	$ 95.5	$ 471.8	$ 1,299.7	$ 1,299.7	$ 1,771		$ 2,335.63	$ 2,336
494	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-5" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	5.191	5.19	$ 95.5	$ 496.0	$ 1,366.3	$ 1,366.3	$ 1,862		$ 2,455.47	$ 2,459
495	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(4'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	6.077	6.08	$ 95.5	$ 580.7	$ 1,599.6	$ 1,599.6	$ 2,180		$ 2,874.05	$ 2,879
496	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(4'-6" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	2		2	EA	7.080	14.16	$ 95.5	$ 1,354.9	$ 1,866.2	$ 3,732.4	$ 5,087		$ 3,353.75	$ 6,708
497	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-0" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	22		22	EA	7.597	167.13	$ 95.5	$ 15,968.6	$ 1,999.5	$ 43,989.0	$ 59,958		$ 3,593.11	$ 79,053
498	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-0" X7'-0" H) Single Hollow Metal Door W/ Hollow Metal Frame	39		39	EA	4.452	173.63	$ 95.5	$ 16,589.7	$ 1,171.8	$ 45,700.2	$ 62,290		$ 2,105.81	$ 82,128
499	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-1 3/4" X7'-0 7/8" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	4.823	4.82	$ 95.5	$ 460.8	$ 1,269.5	$ 1,269.5	$ 1,730		$ 2,281.33	$ 2,281
500	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-4" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	4.947	4.95	$ 95.5	$ 472.6	$ 1,302.0	$ 1,302.0	$ 1,775		$ 2,339.83	$ 2,340
501	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	2		2	EA	7.597	15.19	$ 95.5	$ 1,451.7	$ 1,999.5	$ 3,999.0	$ 5,451		$ 3,593.31	$ 7,187
502	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-11" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	2		2	EA	8.989	17.98	$ 95.5	$ 1,717.8	$ 2,366.1	$ 4,732.2	$ 6,450		$ 4,252.08	$ 8,504
503	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	30		30	EA	9.116	273.48	$ 95.5	$ 26,130.4	$ 2,399.0	$ 71,982.0	$ 98,112		$ 4,311.97	$ 129,359
504	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-11 1/4" X7'-1 7/8" H) Single Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	8.885	8.88	$ 95.5	$ 848.9	$ 2,338.6	$ 2,338.6	$ 3,187		$ 4,202.64	$ 4,203
505	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0 1/4" X7'-1" H) Double Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	9.010	9.01	$ 95.5	$ 860.9	$ 2,371.5	$ 2,371.5	$ 3,232		$ 4,261.83	$ 4,262
506	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-8" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	8.409	8.41	$ 95.5	$ 803.5	$ 2,213.4	$ 2,213.4	$ 3,017		$ 3,977.71	$ 3,978
507	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	12		12	EA	8.904	106.85	$ 95.5	$ 10,209.3	$ 2,345.6	$ 28,123.2	$ 38,332		$ 4,211.69	$ 50,540
508	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-4" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	1		1	EA	9.399	9.40	$ 95.5	$ 898.0	$ 2,473.8	$ 2,473.8	$ 3,372		$ 4,445.68	$ 4,446
					Curtain Wall														
509	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-1: (20'-8 1/4"x13'-6") Curtain Wall	1	#REF!	#REF!	EA	55.782	#REF!	$ 95.5	#REF!	$ 12,335.0	#REF!	#REF!		#REF!	#REF!
510	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-2: (11'-2 1/2"x6'-0") Curtain Wall	1	#REF!	#REF!	EA	15.840	#REF!	$ 95.5	#REF!	$ 3,323.8	#REF!	#REF!		#REF!	#REF!
511	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-3: (16'-0"x6'-0") Curtain Wall	2	#REF!	#REF!	EA	19.200	#REF!	$ 95.5	#REF!	$ 4,247.0	#REF!	#REF!		#REF!	#REF!
512	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-4: (2'-0"x13'-6") Curtain Wall	1	#REF!	#REF!	EA	5.400	#REF!	$ 95.5	#REF!	$ 1,194.5	#REF!	#REF!		#REF!	#REF!
513	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-5: (5'-6"x16'-6") Curtain Wall	1	#REF!	#REF!	EA	18.150	#REF!	$ 95.5	#REF!	$ 4,014.8	#REF!	#REF!		#REF!	#REF!
514	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-6: (10'-0 3/4"x16'-6") Curtain Wall	1	#REF!	#REF!	EA	33.990	#REF!	$ 95.5	#REF!	$ 7,209.6	#REF!	#REF!		#REF!	#REF!
515	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-7: (8'-0"x18'-1 1/4") Curtain Wall	1	#REF!	#REF!	EA	28.800	#REF!	$ 95.5	#REF!	$ 6,370.6	#REF!	#REF!		#REF!	#REF!
516	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-8: (16'-0"x11'-9 1/2") Curtain Wall	1	#REF!	#REF!	EA	38.400	#REF!	$ 95.5	#REF!	$ 8,494.1	#REF!	#REF!		#REF!	#REF!
517	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10A: (4'-0"x9'-0 1/2") Curtain Wall	1	#REF!	#REF!	EA	7.200	#REF!	$ 95.5	#REF!	$ 1,592.6	#REF!	#REF!		#REF!	#REF!
518	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10B: (4'-0"x11'-1 2/2") Curtain Wall	1	#REF!	#REF!	EA	9.600	#REF!	$ 95.5	#REF!	$ 2,123.5	#REF!	#REF!		#REF!	#REF!
519	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10C: (4'-0"x11'-4 1/2") Curtain Wall	1	#REF!	#REF!	EA	10.664	#REF!	$ 95.5	#REF!	$ 2,358.9	#REF!	#REF!		#REF!	#REF!
520	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10D: (4'-0"x15'-6 1/2") Curtain Wall	1	#REF!	#REF!	EA	12.400	#REF!	$ 95.5	#REF!	$ 2,742.9	#REF!	#REF!		#REF!	#REF!
521	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10E: (4'-0"x15'-6 1/2") Curtain Wall	1	#REF!	#REF!	EA	12.400	#REF!	$ 95.5	#REF!	$ 2,742.9	#REF!	#REF!		#REF!	#REF!
522	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10F: (4'-0"x13'-4 1/2") Curtain Wall	1	#REF!	#REF!	EA	10.664	#REF!	$ 95.5	#REF!	$ 2,358.9	#REF!	#REF!		#REF!	#REF!
523	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10G: (4'-0"x11'-1 2/2") Curtain Wall	1	#REF!	#REF!	EA	9.600	#REF!	$ 95.5	#REF!	$ 2,123.5	#REF!	#REF!		#REF!	#REF!
524	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-10H: (4'-0"x9'-0 1/2") Curtain Wall	1	#REF!	#REF!	EA	7.200	#REF!	$ 95.5	#REF!	$ 1,592.6	#REF!	#REF!		#REF!	#REF!
525	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-11: (60'-0"x13'-1 1/2") Curtain Wall	1	#REF!	#REF!	EA	162.000	#REF!	$ 95.5	#REF!	$ 35,834.4	#REF!	#REF!		#REF!	#REF!
526	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	CW-12: (44'-0"x29'-0") Curtain Wall CW-	1	#REF!	#REF!	EA	290.668	#REF!	$ 95.5	#REF!	$ 64,295.8	#REF!	#REF!		#REF!	#REF!
527	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	13: (5'-2"x28-0") Curtain Wall CW-14:	1	#REF!	#REF!	EA	28.000	#REF!	$ 95.5	#REF!	$ 6,193.6	#REF!	#REF!		#REF!	#REF!
528	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(5'-2"x26'-4") Curtain Wall CW-16:	1	#REF!	#REF!	EA	26.500	#REF!	$ 95.5	#REF!	$ 5,861.8	#REF!	#REF!		#REF!	#REF!
529	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(55'-5 3/4"x8'-8") Curtain Wall CW-17:	1	#REF!	#REF!	EA	96.126	#REF!	$ 95.5	#REF!	$ 21,263.1	#REF!	#REF!		#REF!	#REF!
530	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(30'-0"x31'-8 1/4") Curtain Wall CW-18:	1	#REF!	#REF!	EA	225.960	#REF!	$ 95.5	#REF!	$ 49,982.4	#REF!	#REF!		#REF!	#REF!
531	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(55'-5 3/4"x11'-1") Curtain Wall CW-19:	1	#REF!	#REF!	EA	123.210	#REF!	$ 95.5	#REF!	$ 27,254.1	#REF!	#REF!		#REF!	#REF!
532	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(55'-5"x19'-10") Curtain Wall CW-20:	1	#REF!	#REF!	EA	220.668	#REF!	$ 95.5	#REF!	$ 48,811.8	#REF!	#REF!		#REF!	#REF!
533	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(12'-0"x33'-8") Curtain Wall CW-21:	4	#REF!	#REF!	EA	80.784	#REF!	$ 95.5	#REF!	$ 17,837.0	#REF!	#REF!		#REF!	#REF!
534	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(15'-8"x33'-8") Curtain Wall CW-22:	4	#REF!	#REF!	EA	105.423	#REF!	$ 95.5	#REF!	$ 23,319.6	#REF!	#REF!		#REF!	#REF!
535	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(4'-0"x36'-8") Curtain Wall CW-23:	2	#REF!	#REF!	EA	29.328	#REF!	$ 95.5	#REF!	$ 6,487.4	#REF!	#REF!		#REF!	#REF!
536	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-4"x6'-0") Curtain Wall CW-24:	3	#REF!	#REF!	EA	3.996	#REF!	$ 95.5	#REF!	$ 883.9	#REF!	#REF!		#REF!	#REF!
537	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-4"x6'-0") Curtain Wall CW-25:	19	#REF!	#REF!	EA	5.994	#REF!	$ 95.5	#REF!	$ 1,325.9	#REF!	#REF!		#REF!	#REF!
538	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(3'-4"x6'-0") Curtain Wall CW-26:	22	#REF!	#REF!	EA	5.994	#REF!	$ 95.5	#REF!	$ 1,325.9	#REF!	#REF!		#REF!	#REF!
539	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x4'-8") Curtain Wall CW-27:	6	#REF!	#REF!	EA	3.728	#REF!	$ 95.5	#REF!	$ 824.6	#REF!	#REF!		#REF!	#REF!
540	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(4'-0"x2'-0") Curtain Wall CW-28:	1	#REF!	#REF!	EA	2.000	#REF!	$ 95.5	#REF!	$ 442.4	#REF!	#REF!		#REF!	#REF!
541	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x9'-0") Curtain Wall CW-29:	1	#REF!	#REF!	EA	7.200	#REF!	$ 95.5	#REF!	$ 1,592.6	#REF!	#REF!		#REF!	#REF!
542	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(12'-0"x9'-0") Curtain Wall CW-30:	1	#REF!	#REF!	EA	21.600	#REF!	$ 95.5	#REF!	$ 4,777.9	#REF!	#REF!		#REF!	#REF!
543	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(12'-0"x6'-4") Curtain Wall CW-31:	30	#REF!	#REF!	EA	15.192	#REF!	$ 95.5	#REF!	$ 3,360.5	#REF!	#REF!		#REF!	#REF!
544	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x6'-4") Curtain Wall CW-31F:	39	#REF!	#REF!	EA	5.064	#REF!	$ 95.5	#REF!	$ 1,120.2	#REF!	#REF!		#REF!	#REF!
545	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x6'-4") Curtain Wall CW-32:	54	#REF!	#REF!	EA	5.064	#REF!	$ 95.5	#REF!	$ 1,120.2	#REF!	#REF!		#REF!	#REF!
546	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x4'-0") Curtain Wall CW-34:	35	#REF!	#REF!	EA	3.200	#REF!	$ 95.5	#REF!	$ 707.8	#REF!	#REF!		#REF!	#REF!
547	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(10'-0"x8'-0") Curtain Wall CW-35:	4	#REF!	#REF!	EA	6.000	#REF!	$ 95.5	#REF!	$ 1,327.2	#REF!	#REF!		#REF!	#REF!
548	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	(6'-0"x6'-8") Curtain Wall	12	#REF!	#REF!	EA	7.992	#REF!	$ 95.5	#REF!	$ 1,767.8	#REF!	#REF!		#REF!	#REF!
					Storefront														
549	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF1: (18'-8"x9'-4") Curtain Wall	1	#REF!	#REF!	EA	34.820	#REF!	$ 95.5	#REF!	$ 7,702.1	#REF!	#REF!		#REF!	#REF!
550	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF2: (20'-0"x7'-6") Curtain Wall	1	#REF!	#REF!	EA	30.000	#REF!	$ 95.5	#REF!	$ 6,636.0	#REF!	#REF!		#REF!	#REF!
551	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF3: (26'-0"x9'-6") Curtain Wall	1	#REF!	#REF!	EA	50.232	#REF!	$ 95.5	#REF!	$ 11,111.3	#REF!	#REF!		#REF!	#REF!
552	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF4: (56'-0 11/16"x10'-0") Curtain Wall	1	#REF!	#REF!	EA	112.000	#REF!	$ 95.5	#REF!	$ 24,774.4	#REF!	#REF!		#REF!	#REF!
553	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF5: (6'-0"x9'-8") Curtain Wall	1	#REF!	#REF!	EA	11.592	#REF!	$ 95.5	#REF!	$ 2,564.2	#REF!	#REF!		#REF!	#REF!
554	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF6: (11'-10"x10'-0") Curtain Wall	1	#REF!	#REF!	EA	27.760	#REF!	$ 95.5	#REF!	$ 6,140.5	#REF!	#REF!		#REF!	#REF!
555	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF7: (56'-0 11/16"x10'-0") Curtain Wall	1	#REF!	#REF!	EA	112.000	#REF!	$ 95.5	#REF!	$ 24,774.4	#REF!	#REF!		#REF!	#REF!
556	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF8: (5'-8"x5'-4") Curtain Wall	1	#REF!	#REF!	EA	10.562	#REF!	$ 95.5	#REF!	$ 2,336.2	#REF!	#REF!		#REF!	#REF!
557	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF9: (11'-5"x5'-4") Curtain Wall	1	#REF!	#REF!	EA	21.142	#REF!	$ 95.5	#REF!	$ 4,664.2	#REF!	#REF!		#REF!	#REF!
558	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF10: (6'-0"x4'-4") Curtain Wall	1	#REF!	#REF!	EA	5.400	#REF!	$ 95.5	#REF!	$ 1,194.5	#REF!	#REF!		#REF!	#REF!
559	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF11: (8'-9"x9'-4") Curtain Wall	1	#REF!	#REF!	EA	16.570	#REF!	$ 95.5	#REF!	$ 3,673.6	#REF!	#REF!		#REF!	#REF!
560	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	SF12: (7'-8 1/4"x9'-4") Curtain Wall	1	#REF!	#REF!	EA	14.294	#REF!	$ 95.5	#REF!	$ 3,161.7	#REF!	#REF!		#REF!	#REF!
					Glazing														
561	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	L: Laminated Glass (IG-3)	2,055	5%	2,158	SF	0.213	460.38	$ 95.5	$ 43,988.0	$ 44.2	$ 95,458.9	$ 139,447		$ 84.99	$ 183,394
562	A1.02A - A1.03	A-2.0	DIV-08	Window Installer	Spanderal Glass (IG-2)	875	5%	919	SF	0.213	196.02	$ 95.5	$ 18,729.7	$ 48.0	$ 44,100.0	$ 62,830		$ 90.03	$ 82,904
					Door Hardware														
					Hardware														
563	A1.02A - A1.03	A-2.0	DIV-08	Doors & Hardware	Panic Release Latch	32		32	EA	1.494	47.81	$ 96.1	$ 4,596.6	$ 180.0	$ 5,760.0	$ 10,357		$ 422.82	$ 13,530
564	A1.02A - A1.03	A-2.0	DIV-08	Doors & Hardware	Positive Latching	3		3	EA	1.245	3.74	$ 96.1	$ 359.3	$ 150.0	$ 450.0	$ 809		$ 352.35	$ 2,116
565	A1.02A - A1.03	A-2.0	DIV-08	Doors & Hardware	Accessible Threshold	134		134	EA	0.623	83.42	$ 96.1	$ 8,020.3	$ 75.0	$ 10,050.0	$ 18,070		$ 176.19	$ 23,608
566	A1.02A - A1.03	A-2.0	DIV-08	Doors & Hardware	Card Reader	45		45	EA	3.735	168.08	$ 96.1	$ 16,159.9	$ 450.0	$ 20,250.0	$ 36,410		$ 1,057.06	$ 47,568
					Trims														
567	A1.02A - A1.03	A-2.0	DIV-08	Finish Carpenter	Door Trim	9,660	5%	10,141	LF	0.030	304.29	$ 100.8	$ 30,672.4	$ 2.3	$ 23,328.9	$ 54,001		$ 6.91	$ 70,091
			DIV-09		**Finishes**												$ 6,751,833		
568					**Interior Walls**	1,012			LF										
569	A1.02A - A1.03	A.03	DIV.-09	Dry Waller	Wall Type 21, Interior Partition Furring Wall 16'-0" Ht One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	14,172	5%	14,880	SF	0.016	238.08	$ 100.1	$ 23,826.9	$ 0.5	$ 7,737.6	$ 31,564		$ 2.73	$ 40,572
570				Dry Waller	Number Of Sheet(Assume Size 4'X8')	465		465	EA										
571	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	1-5/8" Metal Stud @ 16" Oc	10,655		11,188	LF	0.028	311.26	$ 102.0	$ 31,752.7	$ 0.9	$ 9,509.7	$ 41,462		$ 4.76	$ 53,258
572	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	1-5/8" Metal Top And Bottom Runner	2,024	5%	2,126	LF	0.028	59.52	$ 102.0	$ 6,071.8	$ 0.9	$ 1,806.8	$ 7,879		$ 4.76	$ 10,118
573	A1.02A - A1.03	A.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	4,049	5%	4,251	LF	0.016	68.02	$ 91.2	$ 6,203.7	$ 0.2	$ 850.3	$ 7,054		$ 2.12	$ 9,007
574			DIV.-09		Wall Type 21, Interior Partition Furring Wall 16'-0" Ht	306			LF										
575	A1.02A - A1.03	A.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	8,921	5%	9,367	SF	0.016	82.67	$ 100.1	$ 8,274.1	$ 0.5	$ 2,686.9	$ 10,961		$ 2.73	$ 14,089
576				Dry Waller	Number Of Sheet(Assume Size 4'X8')	193		193	EA										
577	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	1-5/8" Metal Stud @ 16" Oc	3,703	5%	3,885	LF	0.028	108.78	$ 102.0	$ 11,095.8	$ 0.9	$ 3,302.3	$ 14,398		$ 4.76	$ 18,492
578	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	1-5/8" Metal Top And Bottom Runner	615	5%	646	LF	0.028	18.09	$ 102.0	$ 1,844.7	$ 0.9	$ 549.0	$ 2,394		$ 4.76	$ 3,074
579	A1.02A - A1.03	A.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	1,230	5%	1,292	LF	0.016	20.67	$ 91.2	$ 1,885.0	$ 0.2	$ 258.4	$ 2,143		$ 2.12	$ 2,737
580			DIV.-09		Wall Type 31, Interior Partition Furring Wall 16'-0" Ht	776			LF										
581	A1.02A - A1.03	A.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	10,905	5%	11,450	SF	0.016	183.21	$ 100.1	$ 18,335.3	$ 0.5	$ 5,954.2	$ 24,290		$ 2.73	$ 31,223
582				Dry Waller	Number Of Sheet(Assume Size 4'X8')	358		358	EA										
583	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	2-1/2" Metal Stud @ 16" Oc	8,199	5%	8,609	LF	0.041	352.98	$ 102.0	$ 36,004.2	$ 1.1	$ 9,125.9	$ 45,130		$ 6.72	$ 57,877
584	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	2-1/2" Metal Top And Bottom Runner	1,558	5%	1,636	LF	0.041	67.07	$ 102.0	$ 6,840.8	$ 1.1	$ 1,733.9	$ 8,575		$ 6.72	$ 10,997
585	A1.02A - A1.03	A.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	3,116	5%	3,272	LF	0.016	52.34	$ 91.2	$ 4,773.8	$ 0.2	$ 654.3	$ 5,428		$ 2.12	$ 6,935
586			DIV.-09		Wall Type 31, Interior Partition Furring Wall 16'-0" Ht	189			LF										
587	A1.02A - A1.03	A.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	3,027	5%	3,178	SF	0.016	50.85	$ 100.1	$ 5,089.5	$ 0.5	$ 1,652.8	$ 6,742		$ 2.73	$ 8,668
588				Dry Waller	Number Of Sheet(Assume Size 4'X8')	99		99	EA										
589	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	2-1/2" Metal Stud @ 16" Oc	2,278	5%	2,392	LF	0.041	97.98	$ 102.0	$ 9,994.0	$ 1.1	$ 2,533.2	$ 12,527		$ 6.72	$ 16,068
590	A1.02A - A1.03	A.03	DIV.-09	Framer Light Gauge	2-1/2" Metal Top And Bottom Runner	378	5%	397	LF	0.041	16.29	$ 102.0	$ 1,661.5	$ 1.1	$ 421.1	$ 2,083		$ 6.72	$ 2,671
591	A1.02A - A1.03	A.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	757	5%	795	LF	0.016	12.71	$ 91.2	$ 1,159.5	$ 0.2	$ 158.9	$ 1,318		$ 2.12	$ 1,683

PROESTIMATRIX

PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY. WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
656	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	4,845	5%	5,087	LF	0.052	264.53	102.02	26,982.23	1.31	6,409.81	33,392		$ 3.41	$ 42,802
657	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Insulation Batt	33,914	5%	35,610	SF	0.012	427.32	91.23	38,971.61	0.73	24,570.91	63,543		$ 2.33	$ 82,893
658	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	9,690	5%	10,174	LF	0.016	162.79	91.23	14,846.31	0.23	2,084.91	16,881		$ 2.12	$ 21,598
659					**Wall Type 43, Interior Partition Wall 16' 0" Ht**	681			LF										
660	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	12,676	5%	14,310	SF	0.016	548.96	100.11	54,940.41	0.51	17,841.41	72,782		$ 2.73	$ 93,551
661				Dry Waller	Number Of Sheet(Assume Size 4'X8')	1,072		1,072	EA										
662	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	8,190	5%	8,599	LF	0.052	447.15	102.01	45,609.5	1.3	10,834.8	56,444		$ 8.41	$ 72,348
663	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	1,362	5%	1,430	LF	0.052	74.34	102.01	7,582.4	1.3	1,801.3	9,384		$ 8.41	$ 12,038
664	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	10,892	5%	11,437	LF	0.012	137.24	91.23	12,516.4	0.7	7,891.4	20,408		$ 2.33	$ 26,629
665	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	2,723	5%	2,859	LF	0.016	45.75	91.23	4,172.1	0.23	571.8	4,744		$ 2.12	$ 6,068
666			DIV.-09		**Wall Type 43, Interior Partition Wall 14' 0" Ht (Mr)**	274			LF										
667	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	7,678	5%	8,062	SF	0.016	129.00	100.11	12,910.1	0.51	4,192.4	17,103		$ 2.73	$ 21,983
668				Dry Waller	Number Of Sheet(Assume Size 4'X8')	252		252	EA										
669	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	3,839	5%	4,031	SF	0.016	64.50	100.11	6,455.0	0.7	2,700.9	9,156		$ 2.33	$ 11,800
670				Dry Waller	Number Of Sheet(Assume Size 4'X8')	126		126	EA										
671	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	2,887	5%	3,031	LF	0.052	157.61	102.01	16,076.2	1.3	3,819.0	19,895		$ 8.41	$ 25,501
672	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	548	5%	576	LF	0.052	29.95	102.01	3,054.5	1.3	725.0	3,780		$ 8.41	$ 4,845
673	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	3,839	5%	4,031	LF	0.012	48.37	91.23	4,411.7	0.7	2,781.5	7,193		$ 2.33	$ 9,319
674	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	1,097	5%	1,152	LF	0.016	18.43	91.23	1,680.7	0.23	230.4	1,911		$ 2.12	$ 2,440
675			DIV.-09		**Wall Type 43, Interior Partition Wall 16' 0" Ht (Mr)**	83			LF										
676	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	2,660	5%	2,793	SF	0.016	44.69	100.11	4,472.6	0.51	1,452.4	5,925		$ 2.73	$ 7,615
677				Dry Waller	Number Of Sheet(Assume Size 4'X8')	87		87	EA										
678	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1,330	5%	1,397	SF	0.016	22.35	100.11	2,236.3	0.7	935.7	3,172		$ 2.33	$ 4,088
679				Dry Waller	Number Of Sheet(Assume Size 4'X8')	44		44	EA										
680	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	1,000	5%	1,050	LF	0.052	54.60	102.01	5,569.5	1.3	1,323.1	6,893		$ 8.41	$ 8,835
681	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	166	5%	175	LF	0.052	9.08	102.01	925.9	1.3	220.0	1,146		$ 8.41	$ 1,469
682	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	1,330	5%	1,397	LF	0.012	16.76	91.23	1,528.4	0.7	963.6	2,492		$ 2.33	$ 3,227
683	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	333	5%	349	LF	0.016	5.59	91.23	509.5	0.23	69.8	579		$ 2.12	$ 740
684			DIV.-09		**Wall Type 44, Interior Partition Wall 14' 0" Ht**	120			LF										
685	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	6,710	5%	7,046	SF	0.016	112.74	100.11	11,282.6	0.51	3,663.9	14,947		$ 2.73	$ 19,212
686				Dry Waller	Number Of Sheet(Assume Size 4'X8')	220		220	EA										
687	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	1,261	5%	1,324	LF	0.052	68.87	102.01	7,024.8	1.3	1,668.8	8,694		$ 8.41	$ 11,143
688	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	240	5%	252	LF	0.052	13.09	102.01	1,334.7	1.3	317.3	1,652		$ 8.41	$ 2,117
689	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	1,678	5%	1,762	LF	0.012	21.14	91.23	1,927.8	0.7	1,215.4	3,143		$ 2.33	$ 4,070
690	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	479	5%	503	LF	0.016	8.05	91.23	734.4	0.23	100.7	835		$ 2.12	$ 1,068
691			DIV.-09		**Wall Type 44, Interior Partition Wall 16' 0" Ht**	23			LF										
692	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1,453	5%	1,526	SF	0.016	24.42	100.11	2,443.7	0.51	793.6	3,237		$ 2.73	$ 4,163
693				Dry Waller	Number Of Sheet(Assume Size 4'X8')	48		48	EA										
694	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	273	5%	287	LF	0.052	14.92	102.01	1,521.5	1.3	361.4	1,883		$ 8.41	$ 2,414
695	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	45	5%	48	LF	0.052	2.48	102.01	253.0	1.3	60.1	313		$ 8.41	$ 403
696	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	363	5%	382	LF	0.012	4.58	91.23	417.5	0.7	263.3	681		$ 2.33	$ 889
697	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	91	5%	95	LF	0.016	1.53	91.23	139.2	0.23	19.1	158		$ 2.12	$ 202
698			DIV.-09		**Wall Type 44, Interior Partition Wall 14' 0" Ht (Mr)**	55			LF										
699	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1,539	5%	1,616	SF	0.016	25.85	100.11	2,587.4	0.51	840.2	3,428		$ 2.73	$ 4,400
700				Dry Waller	Number Of Sheet(Assume Size 4'X8')	50		50	EA										
701	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1,539	5%	1,616	SF	0.016	25.85	100.11	2,587.4	0.7	1,082.6	3,670		$ 2.93	$ 4,730
702				Dry Waller	Number Of Sheet(Assume Size 4'X8')	50		50	EA										
703	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	579	5%	607	LF	0.052	31.59	102.01	3,221.8	1.3	765.4	3,987		$ 8.41	$ 5,111
704	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	110	5%	115	LF	0.052	6.00	102.01	612.2	1.3	145.4	758		$ 8.41	$ 972
705	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	3 1/2" Sound Attenuation Batt	769	5%	808	LF	0.012	9.69	91.23	884.2	0.7	557.5	1,442		$ 2.33	$ 1,867
706	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	220	5%	231	LF	0.016	3.69	91.23	336.8	0.23	46.2	383		$ 2.12	$ 489
707			DIV.-09		**Wall Type 62, Interior Partition Wall 14' 0" Ht**	127			LF										
708	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	3,547	5%	3,724	SF	0.016	59.59	100.11	5,963.3	0.51	1,936.5	7,900		$ 2.73	$ 10,154
709				Dry Waller	Number Of Sheet(Assume Size 4'X8')	116		116	EA										
710	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Stud @ 16" Oc**	1,333	5%	1,400	LF	0.066	91.84	102.01	9,367.9	1.7	2,366.1	11,734		$ 10.75	$ 15,048
711	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Top And Bottom Runner**	253	5%	266	LF	0.066	17.45	102.01	1,779.9	1.7	449.6	2,229		$ 10.75	$ 2,859
712	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	5 1/2" Sound Attenuation Batt	1,773	5%	1,862	LF	0.055	27.93	91.23	2,547.3	0.9	1,657.2	4,205		$ 2.93	$ 5,447
713	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	507	5%	532	LF	0.016	8.51	91.23	776.3	0.23	106.4	883		$ 2.12	$ 1,125
714			DIV.-09		**Wall Type 62, Interior Partition Wall 16' 0" Ht**	37			LF										
715	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1,169	5%	1,228	SF	0.016	19.64	100.11	1,966.0	0.51	638.4	2,604		$ 2.73	$ 3,348
716				Dry Waller	Number Of Sheet(Assume Size 4'X8')	38		38	EA										
717	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Stud @ 16" Oc**	440	5%	462	LF	0.066	30.28	102.01	3,088.4	1.7	780.0	3,868		$ 10.75	$ 4,963
718	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Top And Bottom Runner**	73	5%	77	LF	0.066	5.03	102.01	513.4	1.7	129.7	643		$ 10.75	$ 825
719	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	5 1/2" Sound Attenuation Batt	585	5%	614	LF	0.055	9.21	91.23	839.8	0.9	546.3	1,386		$ 2.93	$ 1,796
720	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	146	5%	153	LF	0.016	2.46	91.23	223.9	0.23	30.7	255		$ 2.12	$ 325
721			DIV.-09		**Wall Type 62, Interior Partition Wall 14' 0" Ht (Mr)**	46			LF										
722	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	650	5%	682	SF	0.016	10.91	100.11	1,092.2	0.51	354.7	1,447		$ 2.73	$ 1,860
723				Dry Waller	Number Of Sheet(Assume Size 4'X8')	21		21	EA										
724	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	650	5%	682	SF	0.016	10.91	100.11	1,092.2	0.7	457.0	1,549		$ 2.93	$ 1,997
725				Dry Waller	Number Of Sheet(Assume Size 4'X8')	21		21	EA										
726	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Stud @ 16" Oc**	488	5%	513	LF	0.052	26.67	102.01	2,720.1	1.3	646.2	3,366		$ 8.41	$ 4,315
727	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**1-5/8" Metal Top And Bottom Runner**	93	5%	97	LF	0.052	5.07	102.01	516.8	1.3	122.8	640		$ 8.41	$ 820
728	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	5 1/2" Sound Attenuation Batt	650	5%	682	LF	0.052	8.18	91.23	746.5	0.7	470.8	1,217		$ 2.93	$ 1,570
729	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	186	5%	195	LF	0.016	3.13	91.23	284.4	0.23	39.0	323		$ 2.12	$ 413
730			DIV.-09		**Wall Type 63, Interior Partition Wall 14' 0" Ht**	95			LF										
731	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	3,993	5%	4,193	SF	0.016	67.09	100.11	6,714.2	0.51	2,180.4	8,895		$ 2.73	$ 11,433
732				Dry Waller	Number Of Sheet(Assume Size 4'X8')	131		131	EA										
733	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Stud @ 16" Oc**	1,001	5%	1,051	LF	0.066	68.94	102.01	7,031.7	1.7	1,776.0	8,808		$ 10.75	$ 11,299
734	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Top And Bottom Runner**	190	5%	200	LF	0.066	13.10	102.01	1,336.0	1.7	337.4	1,673		$ 10.75	$ 2,146
735	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	5 1/2" Sound Attenuation Batt	1,331	5%	1,398	LF	0.055	20.97	91.23	1,912.0	0.9	1,243.9	3,156		$ 2.93	$ 4,088
736	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	380	5%	399	LF	0.016	6.39	91.23	582.7	0.23	79.9	663		$ 2.12	$ 846
			DIV.-09		**Exterior Walls**														
737			DIV.-09		Typical, Exterior Metal Stud Wall				LF										
738	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Board Sheathing (4'X8' Ea.)	63,963	5%	67,161	SF	0.016	1,074.58	100.11	107,543.8	0.51	34,923.8	142,468		$ 2.73	$ 183,123
739				Dry Waller	Number Of Sheet(Assume Size 4'X8')	2,099		2,099	EA										
740	A1.02A - A1.03	A0.03	DIV.-09	Dry Waller	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	63,963	5%	67,161	SF	0.016	1,074.58	100.11	107,543.8	0.51	34,923.8	142,468		$ 2.73	$ 183,123
741				Dry Waller	Number Of Sheet(Assume Size 4'X8')	2,099		2,099	EA										
742	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Stud @ 16" Oc**	48,092	5%	50,497	LF	0.066	3,312.61	102.01	337,886.2	1.7	85,340.1	423,226		$ 10.75	$ 542,923
743	A1.02A - A1.03	A0.03	DIV.-09	Framer Light Gauge	**6" Metal Top And Bottom Runner**	9,602	5%	10,082	LF	0.066	661.39	102.01	67,461.3	1.7	17,038.7	84,500		$ 10.75	$ 108,504
744	A1.02A - A1.03	A0.03	DIV.-09	Insulation	6" Batt Insulation	61,963	5%	67,161	SF	0.015	1,007.43	99.55	100,271.3	0.9	59,773.4	160,044		$ 3.46	$ 205,109
745	A1.02A - A1.03	A0.03	DIV.-09	Joint Sealants	Acoustic Sealant At Top & Bottom Of Wall	19,204	5%	20,164	LF	0.016	322.63	91.23	29,423.6	0.23	4,032.8	33,456		$ 2.12	$ 42,721
746	A1.02A - A1.03	A0.03	DIV.-09	Sheathing	**Tapping**	164,290	5%	172,505	LF	0.010	1,725.05	100.8	173,884.5	0.0	1,725.0	175,610		$ 1.29	$ 222,927
747	A1.02A - A1.03	A0.03	DIV.-09	Sheathing	**Mudding Compound**	19,903	5%	20,898	LBS	0.220	4,597.49	100.8	463,427.3	0.5	10,448.8	473,876		$ 28.80	$ 601,998
748	A1.02A - A1.03	A0.03	DIV.-09	Sheathing	**Screws**	563,280		563,280	EA	0.001	563.28	100.8	56,778.6	0.0	11,265.6	68,044		$ 0.15	$ 87,093
					Ceiling														
749	A2.02A - A2.03	A2.02A	DIV.-09	Tiler	Act- 2 X2' Acoustical Ceiling Tile, Manufacturer: Armstrong Or Usa, Color: White, Thickness: 3/4"	55,571	5%	58,349	SF	0.036	2,100.57	97.7	205,162.2	3.4	198,387.1	403,549		$ 9.01	$ 525,450
750	A2.02A - A2.03	A2.02A	DIV.-09	Tiler	Act- 2 X4' Acoustical Ceiling Tile, Manufacturer: Armstrong Or Usa, Color: White, Thickness: 3/4"	20,567	5%	21,595	SF	0.036	777.42	97.7	75,930.2	3.4	73,422.7	149,353		$ 9.01	$ 194,468
751	A2.02A - A2.03	A2.02A	DIV.-09	Tiler	Wood Ceiling, Manufacturer: Wood Ceilings, Inc (Or Approved Equal)	8,889	5%	9,334	SF	0.040	373.34	97.7	36,464.5	5.1	47,788.1	84,253		$ 11.80	$ 110,119
752	A2.02A - A2.03	1.2/A6.1	DIV.-09	Dry Waller	**Soffit-** (1) Layer Of 5/8" Fiber Cement Panel	2,269	5%	2,383	SF	0.018	42.89	100.11	4,292.6	1.1	2,692.6	6,985		$ 3.80	$ 9,043
753				Dry Waller	Number Of Sheets (Assume Size 4' X 8')	75		75	EA										
754				Dry Waller	Screw	3,600		3,600	EA	0.001	3.60	100.11	360.3	0.0	72.0	432		$ 0.15	$ 559
755				Dry Waller	Adhesive	75		75	EA	0.220	16.50	100.11	1,651.3	0.5	37.5	1,689		$ 28.80	$ 2,149
756				Dry Waller	Tapping	1,050	5%	1,103	LF	0.010	11.03	100.11	1,103.4	0.0	11.0	1,114		$ 1.29	$ 1,415
757	A2.02A - A2.03	1.2/A6.1	DIV.-09		**Ceiling-** (1) Layer Of 5/8" Gypsum Wall Board Ceiling	15,150	5%	15,866	SF	0.018	285.58	100.11	28,580.7	0.5	8,250.1	36,831		$ 2.90	$ 47,288
758				Dry Waller	Number Of Sheets (Assume Size 4' X 8')	496		496	EA										
759				Dry Waller	Screw	23,808		23,808	EA	0.001	23.81	100.11	2,382.7	0.0	476.2	2,859		$ 0.15	$ 3,659
760				Dry Waller	Adhesive	496		496	EA	0.220	109.12	100.11	10,920.7	0.5	248.0	11,169		$ 28.80	$ 14,187
761				Dry Waller	Tapping	6,944	5%	7,291	LF	0.010	72.91	100.11	7,297.08	0.0	72.9	7,370		$ 1.29	$ 9,516
762	A2.02A - A2.03	1.2/A6.1	DIV.-09	Dry Waller	(1) Layer Of 5/8" Gypsum Wall Board Ceiling - Moisture Resistant	6,441	5%	6,763	SF	0.018	65.11	100.11	6,516.6	0.7	2,423.7	8,940		$ 3.18	$ 11,587
763				Dry Waller	Number Of Sheets (Assume Size 4' X 8')	114		114	EA										
764				Dry Waller	Screw	5,472		5,472	EA	0.001	5.47	100.11	547.8	0.0	109.4	657		$ 0.15	$ 843
765				Dry Waller	Adhesive	114		114	EA	0.220	25.08	100.11	2,510.0	0.5	57.0	2,567		$ 28.80	$ 3,295
766				Dry Waller	Tapping	1,596	5%	1,676	LF	0.010	16.76	100.11	1,677.5	0.0	16.8	1,694		$ 1.29	$ 2,150
					Flooring														
767	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Res. Resinous Flooring, Manufacturer: Ppg Industries, Inc.(Or Approved Equal)	7194	5%	7,554	SF	0.036	271.95	98.4	26,759.8	1.9	14,352.8	41,113		$ 7.03	$ 53,134
768	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wsf. Wood Athletic Flooring, Manufacturer: Aacer Flooring, Llc. (Or Approved Equal)	8499	5%	8,924	SF	0.040	356.96	98.4	35,125.0	5.1	45,691.1	80,816		$ 11.84	$ 105,622
769	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Cpt. Carpet Tile, Basis Of Design: Mannington Mills, Style: Stock Bright Modular Tile (Or Approved Equal)	3610	5%	3,790	SF	0.022	83.38	98.4	8,204.7	3.1	11,825.0	20,030		$ 6.92	$ 26,214
770	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Cpt-2. Carpet Tile, Basis Of Design: Mannington Mills, Style: Stock Bright Modular Tile (Or Approved Equal)	2158	5%	2,266	SF	0.022	49.85	98.4	4,904.8	3.1	7,069.0	11,974		$ 6.92	$ 15,671
771	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Conc. Concrete Flooring	3568	5%	3,746	SF	0.022	82.42	98.4	8,109.9	3.1	11,688.3	19,798		$ 6.92	$ 25,911
772	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Lin. Linoleum Tile	3626	5%	3,807	SF	0.024	91.37	98.4	8,993.2	2.1	7,995.2	16,986		$ 5.80	$ 22,051
773	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Rbr. Rubber Flooring	77827	5%	81,719	SF	0.109	8,907.34	98.4	876,482.3	4.8	390,615.5	1,267,098		$ 20.00	$ 1,634,107
774	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wrf. Weight Room Floor	1549	5%	1,627	SF	0.032	52.06	98.4	5,122.4	2.9	4,636.3	9,759		$ 7.80	$ 12,696
775	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Pt. Porcelain Tile Floor	389	5%	408	SF	0.032	13.06	98.4	1,285.2	2.9	1,163.2	2,448		$ 7.80	$ 3,187
776	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wom. Walk-Off Mat	13271	5%	13,935	SF	0.040	557.38	98.4	54,846.6	3.1	43,475.9	98,322		$ 9.18	$ 127,938
777	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wd. Wood Flooring	208	5%	218	SF	0.100	21.84	98.4	2,149.0	7.5	1,637.9	3,787		$ 22.51	$ 9,191
778	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wd. Wood Flooring	1822	5%	1,913	SF	0.040	76.51	98.4	7,528.9	5.1	9,793.7	17,323		$ 11.84	$ 22,647
					Base & Trims														
779	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Rb. Rubber Base	13389	5%	14,058	SF	0.022	309.28	98.4	30,433.0	1.9	26,007.5	56,441		$ 5.22	$ 73,373
780	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Res. Resinous Wall Base	2215	5%	2,326	LF	0.022	51.16	98.4	5,034.4	1.9	4,302.3	9,337		$ 5.22	$ 12,138
781	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Pt. Porcelain Tile Base	502	5%	527	LF	0.030	15.80	98.4	1,554.5	3.3	1,714.4	3,268		$ 8.00	$ 4,269
782	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Sb. Steel Vented Angle Base	341	5%	358	LF	0.030	10.73	98.4	1,056.0	3.8	1,359.3	2,415		$ 8.81	$ 3,153
783	A10.01 - A10.03	A10.01	DIV.-09	Flooring	Wd. Wood Wall Base	240	5%	252	LF	0.028	7.07	98.4	695.4	2.3	580.5	1,276		$ 6.57	$ 1,658
					Wall Finishes														
784	A10.01 - A10.03	A10.01	DIV.-09	Interior Painter	Ct. Ceramic Wall

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
					Fire Suppression Items														
813			DIV-21	Fire Suppression	Sprinkler Heads	70		70	EA	0.664	46.48	$ 124.9	$ 5,803.2	$ 80.0	$ 5,600.0	$ 11,403		$ 212.11	$ 14,847
814			DIV-21	Fire Suppression	Check Valve	2		2	EA	0.996	1.99	$ 124.9	$ 248.7	$ 120.0	$ 240.0	$ 489		$ 218.15	$ 436
815			DIV-21	Fire Suppression	Ball Valve	1		1	EA	0.498	0.50	$ 124.9	$ 62.3	$ 60.0	$ 60.0	$ 122		$ 159.08	$ 159
816			DIV-21	Fire Suppression	1-1/2" Dry Pipe Valve	1		1	EA	2.075	2.08	$ 124.9	$ 259.3	$ 250.0	$ 250.0	$ 509		$ 662.83	$ 663
					Fire Suppression Pipes														
817			DIV-21	Fire Suppression	1 1/2" Fire Suppression Pipe	248	5%	260	LF	0.121	31.51	$ 124.9	$ 3,933.9	$ 3.1	$ 796.8	$ 4,731		$ 23.26	$ 6,066
818			DIV-21	Fire Suppression	1 1/2" Dry Pipe	85	5%	89	LF	0.121	10.80	$ 124.9	$ 1,348.3	$ 3.1	$ 273.1	$ 1,621		$ 23.26	$ 2,076
819			DIV-21	Fire Suppression	2-1/2" Fire Suppression Pipe	89	5%	93	LF	0.134	12.52	$ 124.9	$ 1,563.5	$ 5.1	$ 475.7	$ 2,039		$ 28.03	$ 2,619
820			DIV-21	Fire Suppression	2" Fire Suppression Pipe	301	5%	316	LF	0.130	41.09	$ 124.9	$ 5,129.8	$ 3.2	$ 995.8	$ 6,125		$ 24.80	$ 7,839
821			DIV-21	Fire Suppression	4" Fire Suppression Pipe	395	5%	415	LF	0.231	95.83	$ 124.9	$ 11,965.9	$ 18.6	$ 7,714.4	$ 19,676		$ 63.45	$ 25,067
822			DIV-21	Fire Suppression	4" Fire Suppression Pipe	3183	5%	3,342	LF	0.177	591.56	$ 124.9	$ 73,858.3	$ 10.1	$ 33,755.7	$ 107,614		$ 41.54	$ 138,823
					Pipe Fittings														
823			DIV-21	Fire Suppression	Allowance For Fire Suppression Pipe Fittings (105171 SF)	105171		105,171	SF	0.002	210.34	$ 124.9	$ 26,261.9	$ 0.5	$ 54,688.9	$ 80,951		$ 1.91	$ 106,413
			DIV-22		**Plumbing**												$ 1,583,512		
					Plumbing Fixture														
					Plumbing Fixture														
824			DIV-22	Plumber	Mr-Sink (Under-Mount) Make & Model: Guardian Gb2172 Lav-1: Ada Lavatory Make & Model: Tbd	142		142	EA	3.350	475.70	$ 105.5	$ 50,176.0	$ 385.0	$ 54,670.0	$ 104,846		$ 962.88	$ 136,729
825			DIV-22	Plumber	Lav-2: Ada Lavatory Make & Model: Tbd	37		37	EA	3.400	125.80	$ 105.5	$ 13,269.2	$ 440.0	$ 16,280.0	$ 29,549		$ 1,043.08	$ 38,594
826			DIV-22	Plumber	Lav-3: Ada Lavatory, Make & Model: Tbd	26		26	EA	3.400	88.40	$ 105.5	$ 9,324.3	$ 440.0	$ 11,440.0	$ 20,764		$ 1,043.08	$ 27,128
827			DIV-22	Plumber	Wc-1: Ada Water Closet, Make & Model: Tbd	23		23	EA	3.400	78.20	$ 105.5	$ 8,248.4	$ 440.0	$ 10,120.0	$ 18,368		$ 1,043.08	$ 23,991
828			DIV-22	Plumber	Wc-1A: Ada Water Closet, Make & Model: Tbd	65		65	EA	3.450	224.25	$ 105.5	$ 23,653.5	$ 495.0	$ 32,175.0	$ 55,828		$ 1,123.28	$ 73,013
829			DIV-22	Plumber	Wc-2: Ada Water Closet, Make & Model: Tbd	5		5	EA	3.450	17.25	$ 105.5	$ 1,819.5	$ 495.0	$ 2,475.0	$ 4,294		$ 1,123.28	$ 5,616
830			DIV-22	Plumber	Es-1: Emergency Shower, Make & Model: Guardian Gb2172	20		20	EA	3.450	69.00	$ 105.5	$ 7,278.0	$ 495.0	$ 9,900.0	$ 17,178		$ 1,123.28	$ 22,466
831			DIV-22	Plumber	Wh-1: Wall Hydrant, Make & Model: Zurn Z1320Ki	51		51	EA	3.450	175.95	$ 105.5	$ 18,558.9	$ 495.0	$ 25,245.0	$ 43,804		$ 1,123.28	$ 57,287
832			DIV-22	Plumber	Hb-1: Hose Bibb, Make & Model: Chicago Faucets 293-E27Cp	10		10	EA	3.650	36.50	$ 105.5	$ 3,850.0	$ 770.0	$ 7,700.0	$ 11,550		$ 1,517.59	$ 15,176
833			DIV-22	Plumber	Ur-1A: Ada Urinal, Make & Model: Tbd	12		12	EA	2.500	30.00	$ 105.5	$ 3,164.3	$ 275.0	$ 3,300.0	$ 6,464		$ 702.11	$ 8,425
834			DIV-22	Plumber	Ur-2: Ada Urinal, Make & Model: Tbd	17		17	EA	2.000	34.00	$ 105.5	$ 3,586.3	$ 220.0	$ 3,740.0	$ 7,326		$ 561.69	$ 9,549
835			DIV-22	Plumber	Ewc-1: Electric Water Heater, Make & Model: Chicago-Lqdm-2BK	22		22	EA	3.450	75.90	$ 105.5	$ 8,005.8	$ 440.0	$ 9,680.0	$ 17,686		$ 1,049.77	$ 23,095
836			DIV-22	Plumber	Msb-1: Mop Service Basin, Make & Model: Chicago Faucets - 445-897Srxkccp	2		2	EA	3.450	6.90	$ 105.5	$ 727.8	$ 440.0	$ 880.0	$ 1,608		$ 1,049.77	$ 2,100
837			DIV-22	Plumber	Tp-1: Trap Primer, Make & Model: Tbd	22		22	EA	3.450	75.90	$ 105.5	$ 8,005.8	$ 440.0	$ 9,680.0	$ 17,686		$ 1,049.77	$ 23,095
					Tp-2: Trap Primer, Make & Model: Tbd														
838			DIV-22	Plumber		16		16	EA	3.850	61.60	$ 105.5	$ 6,497.5	$ 990.0	$ 15,840.0	$ 22,337		$ 1,838.39	$ 29,414
839			DIV-22	Plumber		5		5	EA	3.350	16.75	$ 105.5	$ 1,766.8	$ 385.0	$ 1,925.0	$ 3,692		$ 962.88	$ 4,814
840			DIV-22	Plumber		19		19	EA	1.120	21.28	$ 105.5	$ 2,244.6	$ 165.0	$ 3,135.0	$ 5,380		$ 370.41	$ 7,038
841			DIV-22	Plumber		13		13	EA	1.120	14.56	$ 105.5	$ 1,535.8	$ 165.0	$ 2,145.0	$ 3,681		$ 370.41	$ 4,815
					Plumbing Hot Water Equipment Schedule														
842			DIV-22	Plumber	Sh-1: Hot Water Storage Tank, Make: Lockmar, Model: Rgs0257	1		1	EA	12.000	12.00	$ 105.5	$ 1,265.7	$ 8,939.2	$ 8,939.2	$ 10,205		$ 13,553.39	$ 13,553
843			DIV-22	Plumber	Sh-2: Hot Water Storage Tank, Make: Lockmar, Model: Rgs0257	1		1	EA	12.000	12.00	$ 105.5	$ 1,265.7	$ 8,939.2	$ 8,939.2	$ 10,205		$ 13,553.39	$ 13,553
844			DIV-22	Plumber	Sh-3: Hot Water Storage Tank, Make: Lockmar, Model: Rgs0257	1		1	EA	12.000	12.00	$ 105.5	$ 1,265.7	$ 8,939.2	$ 8,939.2	$ 10,205		$ 13,553.39	$ 13,553
845			DIV-22	Plumber	Dwh-1: Domestic Water Heater, Make: Multistack, Model: Mxh020Trvhc	1		1	EA	8.000	8.00	$ 105.5	$ 843.8	$ 3,500.0	$ 3,500.0	$ 4,344		$ 5,748.46	$ 5,748
					Plumbing Pump Schedule														
846			DIV-22	Plumber	Cp-1: Domestic Hot Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1		1	EA	4.000	4.00	$ 105.5	$ 421.9	$ 950.0	$ 950.0	$ 1,372		$ 1,805.01	$ 1,805
847			DIV-22	Plumber	Cp-2: Non Potable Hot Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1		1	EA	4.000	4.00	$ 105.5	$ 421.9	$ 950.0	$ 950.0	$ 1,372		$ 1,805.01	$ 1,805
848			DIV-22	Plumber	Cp-3: Tempered Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1		1	EA	4.000	4.00	$ 105.5	$ 421.9	$ 950.0	$ 950.0	$ 1,372		$ 1,805.01	$ 1,805
849			DIV-22	Plumber	Ep-1: Elevator Sump Pump, Make: Zoeller, Model: 0163	1		1	EA	4.120	4.12	$ 105.5	$ 434.6	$ 1,374.0	$ 1,374.0	$ 1,809		$ 2,387.76	$ 2,388
					Plumbing Mixing Valve Schedule														
850			DIV-22	Plumber	Emv-1: Emergency Mixing Valve, Make: Powers, Model: 01v400-15	1		1	EA	6.000	6.00	$ 105.5	$ 632.9	$ 2,444.1	$ 2,444.1	$ 3,077		$ 4,069.62	$ 4,070
851			DIV-22	Plumber	Tmv-1: Domestic Hot Water Mixing Valve, Make: Power, Model: hz100Vl	1		1	EA	8.000	8.00	$ 105.5	$ 843.8	$ 4,899.0	$ 4,899.0	$ 5,743		$ 7,618.27	$ 7,618
852			DIV-22	Plumber	Tmv-2: Domestic Hot Water Mixing Valve, Make: Power, Model: hz100Vl	1		1	EA	8.000	8.00	$ 105.5	$ 843.8	$ 4,899.0	$ 4,899.0	$ 5,743		$ 7,618.27	$ 7,618
					Interceptor Schedule														
853			DIV-22	Plumber	Os-1: Oil Interceptor, Manufacturer: Stream, Model: Os-50	1		1	EA	8.000	8.00	$ 105.5	$ 843.8	$ 3,200.0	$ 3,200.0	$ 4,044		$ 5,347.51	$ 5,348
854			DIV-22	Plumber	Gt-1: Pou Grease Trap, Manufacturer: Jr Smith, Model: 8050 Gt	1		1	EA	6.000	6.00	$ 105.5	$ 632.9	$ 2,999.0	$ 2,999.0	$ 3,632		$ 4,811.21	$ 4,811
					Pluming Drain & Cleanout Schedule														
855			DIV-22	Plumber	Oze-1: Down Spout Nozzle, Manufacturer: Zurn, Model: Z100	7		7	EA	0.996	6.97	$ 105.5	$ 735.4	$ 120.0	$ 840.0	$ 1,575		$ 293.67	$ 2,056
856			DIV-22	Plumber	4" Rd-1: Roof Drain, Manufacturer: Zurn, Model: Z100C-Op-Du-R	3		3	EA	2.075	6.23	$ 105.5	$ 656.6	$ 250.0	$ 750.0	$ 1,407		$ 611.82	$ 1,835
857			DIV-22	Plumber	6" Rd-1: Roof Drain, Manufacturer: Zurn, Model: Z100C-Op-Du-R	15		15	EA	2.490	37.35	$ 105.5	$ 3,939.6	$ 300.0	$ 4,500.0	$ 8,440		$ 734.18	$ 11,013
858			DIV-22	Plumber	6" Od-1: Overflow Drain, Manufacturer: Zurn, Model: Z100C-Op-Du-R-W4	5		5	EA	1.660	8.30	$ 105.5	$ 875.5	$ 200.0	$ 1,000.0	$ 1,875		$ 489.46	$ 2,447
859			DIV-22	Plumber	3" Fd-1: Floor Drain, Manufacturer: Zurn, Model: Fd2254-Cp	16		16	EA	2.075	33.20	$ 105.5	$ 3,501.9	$ 250.0	$ 4,000.0	$ 7,502		$ 611.82	$ 9,789
860			DIV-22	Plumber	4" Fd-2: Floor Drain, Manufacturer: Zurn, Model: Z415C-G-Y	16		16	EA	1.826	29.22	$ 105.5	$ 3,081.7	$ 220.0	$ 3,520.0	$ 6,602		$ 538.40	$ 8,614
861			DIV-22	Plumber	Fco: Floor Cleanout, Manufacturer: Zurn, Model: Z1440S-Bz1	34		34	EA	2.075	70.55	$ 105.5	$ 7,441.5	$ 250.0	$ 8,500.0	$ 15,941		$ 611.82	$ 20,802
862			DIV-22	Plumber		28		28	EA	2.490	69.72	$ 105.5	$ 7,353.9	$ 300.0	$ 8,400.0	$ 15,754		$ 734.18	$ 20,557
					Plumbing Items														
863			DIV-22	Plumber	4" Dia Reduced Pressure Backflow Preventer	2		2	EA	4.230	8.46	$ 105.5	$ 892.3	$ 1,500.0	$ 3,000.0	$ 3,892		$ 2,570.88	$ 5,142
864			DIV-22	Plumber	2" Dia Reduced Pressure Backflow Preventer	2		2	EA	4.000	8.00	$ 105.5	$ 843.8	$ 950.0	$ 1,900.0	$ 2,744		$ 1,805.01	$ 3,610
865			DIV-22	Plumber	Balancing Valve Assembly	12		12	EA	3.250	39.00	$ 105.5	$ 4,113.0	$ 400.0	$ 4,800.0	$ 8,914		$ 569.55	$ 6,835
866			DIV-22	Plumber	Ball Valve	85		85	EA	1.120	95.20	$ 105.5	$ 10,041.5	$ 150.0	$ 12,750.0	$ 22,792		$ 358.36	$ 30,461
					Plumbing Pipe														
					Cold Water Pipe														
867			DIV-22	Plumber	3/4" Dia Cold Water Pipe	417.92	5%	439	LF	0.126	55.29	$ 105.5	$ 5,832.0	$ 4.8	$ 2,115.1	$ 7,947		$ 23.30	$ 10,220
868			DIV-22	Plumber	1/2" Dia Cold Water Pipe	82.29	5%	86	LF	0.116	10.02	$ 105.5	$ 1,057.2	$ 3.1	$ 270.4	$ 1,328		$ 19.75	$ 1,703
869			DIV-22	Plumber	1-1/4" Dia Cold Water Pipe	173.89	5%	183	LF	0.166	30.31	$ 105.5	$ 3,196.9	$ 12.0	$ 2,245.8	$ 5,443		$ 38.69	$ 7,064
870			DIV-22	Plumber	1-1/2" Dia Cold Water Pipe	41.39	5%	43	LF	0.186	8.08	$ 105.5	$ 852.6	$ 16.3	$ 708.4	$ 1,561		$ 46.68	$ 2,029
871			DIV-22	Plumber	2" Dia Cold Water Pipe	142.01	5%	149	LF	0.216	32.21	$ 105.5	$ 3,397.2	$ 29.8	$ 4,443.5	$ 7,841		$ 68.73	$ 10,245
872			DIV-22	Plumber	3" Dia Cold Water Pipe	1459.83	5%	1,533	LF	0.276	421.06	$ 105.5	$ 44,623.5	$ 72.9	$ 111,742.7	$ 156,366		$ 134.37	$ 205,964
873			DIV-22	Plumber	4" Dia Cold Water Pipe	114.88	5%	121	LF	0.316	38.12	$ 105.5	$ 4,020.5	$ 105.0	$ 12,605.5	$ 16,686		$ 182.62	$ 22,021
					Hot Water Pipe														
874			DIV-22	Plumber	3/4" Dia Hot Water Pipe	371.53	5%	390	LF	0.126	49.15	$ 105.5	$ 5,184.6	$ 4.8	$ 1,880.3	$ 7,065		$ 23.30	$ 9,087
875			DIV-22	Plumber	1/2" Dia Hot Water Pipe	85.86	5%	90	LF	0.116	10.46	$ 105.5	$ 1,103.1	$ 3.1	$ 282.2	$ 1,385		$ 19.75	$ 1,777
876			DIV-22	Plumber	1" Dia Hot Water Pipe	87.09	5%	91	LF	0.146	13.35	$ 105.5	$ 1,408.2	$ 8.7	$ 791.9	$ 2,200		$ 31.51	$ 2,849
877			DIV-22	Plumber	2" Dia Hot Water Pipe	2207.81	5%	2,318	LF	0.216	500.79	$ 105.5	$ 52,816.2	$ 29.8	$ 69,082.4	$ 121,899		$ 68.73	$ 159,341
878			DIV-22	Plumber	1" Dia Hot Water Return Pipe	1851.83	5%	1,944	LF	0.146	283.88	$ 105.5	$ 29,943.4	$ 8.7	$ 16,838.5	$ 46,782		$ 31.51	$ 60,404
879			DIV-22	Plumber	3/4" Dia Hot Water Return Ipe	486.63	5%	511	LF	0.126	64.38	$ 105.5	$ 6,790.8	$ 4.8	$ 2,462.8	$ 9,254		$ 23.30	$ 11,903
880			DIV-22	Plumber	1/2" Dia Hot Water Return Ipe	228.61	5%	240	LF	0.116	27.84	$ 105.5	$ 2,937.0	$ 3.1	$ 751.3	$ 3,688		$ 19.75	$ 4,731
881			DIV-22	Plumber	2" Non-Portable Cold Water Pipe	752.28	5%	790	LF	0.216	170.62	$ 105.5	$ 17,996.4	$ 29.8	$ 23,538.8	$ 41,535		$ 68.73	$ 54,291
882			DIV-22	Plumber	2" Non-Portable Hot Water Pipe	244.12	5%	256	LF	0.216	55.37	$ 105.5	$ 5,839.9	$ 29.8	$ 7,638.5	$ 13,478		$ 68.73	$ 17,619
883			DIV-22	Plumber	3/4" Non-Portable Hot Water Return Pipe	242.7	5%	255	LF	0.126	32.11	$ 105.5	$ 3,386.8	$ 4.8	$ 1,228.3	$ 4,615		$ 23.30	$ 5,935
884			DIV-22	Plumber	2" Tempered Water Pipe	880.32	5%	924	LF	0.216	199.66	$ 105.5	$ 21,059.4	$ 29.8	$ 27,545.2	$ 48,605		$ 68.73	$ 63,554
885			DIV-22	Plumber	2" Tempered Water Return Pipe	894.02	5%	939	LF	0.216	202.76	$ 105.5	$ 21,387.2	$ 29.8	$ 27,973.9	$ 49,361		$ 68.73	$ 64,523
					Waste Pipe														
886			DIV-22	Plumber	4" Sanitary Sewer Pipe	397.83	5%	418	LF	0.177	73.94	$ 105.5	$ 7,798.7	$ 10.1	$ 4,219.0	$ 12,018		$ 37.19	$ 15,533
887			DIV-22	Plumber	6" Sanitary Sewer Pipe	479.14	5%	503	LF	0.231	116.22	$ 105.5	$ 12,258.2	$ 18.6	$ 9,357.6	$ 21,616		$ 55.77	$ 28,059
888			DIV-22	Plumber	6" Dia Grease Waste Pipe	107.24	5%	113	LF	0.231	26.01	$ 105.5	$ 2,743.6	$ 18.6	$ 2,094.4	$ 4,838		$ 55.77	$ 6,286
					Drain Pipe														
889			DIV-22	Plumber	4" Dia Rainwater Pipe	14.32	5%	15	LF	0.177	2.66	$ 105.5	$ 280.7	$ 10.1	$ 151.9	$ 433		$ 37.19	$ 559
890			DIV-22	Plumber	6" Dia Rainwater Pipe	403.52	5%	424	LF	0.231	97.87	$ 105.5	$ 10,323.5	$ 18.6	$ 7,880.7	$ 18,204		$ 55.77	$ 23,631
891			DIV-22	Plumber	8" Dia Rainwater Pipe	975.67	5%	1,024	LF	0.236	241.77	$ 105.5	$ 25,506.4	$ 33.1	$ 33,909.4	$ 59,411		$ 75.82	$ 77,676
892			DIV-22	Plumber	10" Dia Rainwater Pipe	530.07	5%	557	LF	0.252	140.26	$ 105.5	$ 14,794.4	$ 33.7	$ 18,739.8	$ 33,534		$ 78.73	$ 43,816
893			DIV-22	Plumber	4" Dia Overflow Rainwater Pipe	6.33	5%	7	LF	0.177	1.18	$ 105.5	$ 124.1	$ 10.1	$ 67.2	$ 191		$ 37.19	$ 247
894			DIV-22	Plumber	6" Dia Overflow Rainwater Pipe	255.3	5%	268	LF	0.231	61.92	$ 105.5	$ 6,531.5	$ 18.6	$ 4,986.0	$ 11,518		$ 55.77	$ 14,951
895			DIV-22	Plumber	8" Dia Overflow Rainwater Pipe	500.53	5%	526	LF	0.236	124.03	$ 105.5	$ 13,082.6	$ 33.1	$ 17,395.9	$ 30,479		$ 75.82	$ 39,865
896			DIV-22	Plumber	10" Dia Overflow Rainwater Pipe	282.1	5%	296	LF	0.252	74.64	$ 105.5	$ 7,873.8	$ 33.7	$ 9,973.2	$ 17,847		$ 78.73	$ 23,319
897			DIV-22	Plumber	15" Dia Rainwater Pipe	301.03	5%	316	LF	0.302	95.46	$ 105.5	$ 10,068.6	$ 49.1	$ 15,525.9	$ 25,595		$ 106.07	$ 33,525
					Vent Pipe														
898			DIV-22	Plumber	2" Dia Vent Pipe	451.83	5%	474	LF	0.130	61.67	$ 105.5	$ 6,505.3	$ 3.2	$ 1,494.4	$ 8,000		$ 21.61	$ 10,251
899			DIV-22	Plumber	3" Dia Vent Pipe	248.03	5%	260	LF	0.146	38.02	$ 105.5	$ 4,010.6	$ 8.0	$ 2,078.2	$ 6,089		$ 30.20	$ 7,860
900			DIV-22	Plumber	4" Dia Grease Vent Pipe	22.35	5%	23	LF	0.177	4.15	$ 105.5	$ 438.1	$ 10.1	$ 237.0	$ 675		$ 37.19	$ 879
901			DIV-22	Plumber	6" Dia Grease Vent Pipe	33.11	5%	35	LF	0.231	8.03	$ 105.5	$ 847.3	$ 18.6	$ 646.6	$ 1,494		$ 55.77	$ 1,939
					Pipes Riser														
902			DIV-22	Plumber	2" Tempered Water Pipe Up (14'-0" H)	3		3	EA	0.374	1.12	$ 105.5	$ 118.2	$ 45.0	$ 135.0	$ 253		$ 110.53	$ 330
903			DIV-22	Plumber	2" Tempered Water Return Pipe Up (14'-0" H)	3		3	EA	0.374	1.12	$ 105.5	$ 118.2	$ 45.0	$ 135.0	$ 253		$ 110.53	$ 330
904			DIV-22	Plumber	2-1/2" Non-Portable Cold Water Pipe Up (14'-0" H)	2		2	EA	0.457	0.91	$ 105.5	$ 96.3	$ 55.0	$ 110.0	$ 206		$ 134.60	$ 269
905			DIV-22	Plumber	3/4" Non-Portable Hot Water Pipe Up (14'-0" H)	2		2	EA	0.186	0.33	$ 105.5	$ 35.0	$ 20.0	$ 40.0	$ 75		$ 45.51	$ 91
906			DIV-22	Plumber	1-1/2" Non-Portable Hot Water Return Pipe Up (14'-0" H)	2		2	EA	0.291	0.58	$ 105.5	$ 61.3	$ 35.0	$ 70.0	$ 131		$ 85.65	$ 171
907			DIV-22	Plumber	2" Hot Water Pipe Up (14'-0" H)	4		4	EA	0.374	1.49	$ 105.5	$ 157.6	$ 45.0	$ 180.0	$ 338		$ 110.53	$ 441
908			DIV-22	Plumber	3" Cold Water Pipe Up (14'-0" H)	3		3	EA	0.540	1.62	$ 105.5	$ 170.7	$ 65.0	$ 195.0	$ 366		$ 159.07	$ 477
909			DIV-22	Plumber	1" Hot Water Return Pipe Up (14'-0" H)	4		4	EA	0.208	0.83	$ 105.5	$ 87.5	$ 25.0	$ 100.0	$ 188		$ 61.18	$ 245
910			DIV-22	Plumber	3/4" Hot Water Pipe Up (5'-0" H)	2		2	EA	0.166	0.33	$ 105.5	$ 35.0	$ 20.0	$ 40.0	$ 75		$ 48.95	$ 98
911			DIV-22	Plumber	1/2" Hot Water Pipe Up (14'-0" H)	2		2	EA	0.125	0.25	$ 105.5	$ 26.3	$ 15.0	$ 30.0	$ 56		$ 36.71	$ 73
912			DIV-22	Plumber	3/4" Cold Water Pipe Up (14'-0" H)	2		2	EA	0.166	0.33	$ 105.5	$ 35.0	$ 20.0	$ 40.0	$ 75		$ 48.95	$ 98
913			DIV-22	Plumber	1 1/4" Cold Water Pipe Up (14'-0" H)	1		1	EA	0.249	0.25	$ 105.5	$ 26.3	$ 30.0	$ 30.0	$ 56		$ 72.42	$ 72
914			DIV-22	Plumber	1 1/2" Tempered Water Pipe Up (14'-0" H)	1		1	EA	0.291	0.29	$ 105.5	$ 30.6	$ 35.0	$ 35.0	$ 66		$ 85.65	$ 86
915			DIV-22	Plumber	4" Sanitary Sewer Pip Up (14'-0" H)	1		1	EA	0.415	0.42	$ 105.5	$ 43.8	$ 50.0	$ 50.0	$ 94		$ 122.36	$ 122
916			DIV-22	Plumber	6" Sanitary Sewer Pip Up (5'-0" H)	8		8	EA	0.332	2.66	$ 105.5	$ 280.2	$ 40.0	$ 320.0	$ 600		$ 97.89	$ 783
917			DIV-22	Plumber	4" Rainwater Pipe Up (5'-0" H)	17		17	EA	0.332	5.64	$ 105.5	$ 595.3	$ 40.0	$ 680.0	$ 1,275		$ 97.89	$ 1,664
918			DIV-22	Plumber	4" Grease Waste Pipe Up (5'-0" H)	2		2	EA	0.374	0.75	$ 105.5	$ 78.8	$ 45.0	$ 90.0	$ 169		$ 110.13	$ 220
919			DIV-22	Plumber	4" Grease Vent Pipe Up (14'-0" H)	1		1	EA	0.415	0.42	$ 105.5	$ 43.8	$ 50.0	$ 50.0	$ 94		$ 122.36	$ 122
920			DIV-22	Plumber	4" Rainwater Pipe Up (14'-0" H)	3		3	EA	0.415	1.25	$ 105.5	$ 131.3	$ 50.0	$ 150.0	$ 281		$ 122.36	$ 367
921			DIV-22	Plumber	6" Rainwater Pipe Up (14'-0" H)	13		13	EA	0.623	8.09	$ 105.5	$ 853.6	$ 75.0	$ 975.0	$ 1,829		$ 183.55	$ 2,386
922			DIV-22	Plumber	8" Rainwater Pipe Up (14'-0" H)	6		6	EA	0.913	5.48	$ 105.5	$ 577.8	$ 110.0	$ 660.0	$ 1,238		$ 269.20	$ 1,615
923			DIV-22	Plumber	10" Rainwater Pipe Up (14'-0" H)	6		6	EA	1.162	6.97	$ 105.5	$ 735.4	$ 140.0	$ 840.0	$ 1,575		$ 342.62	$ 2,056
924			DIV-22	Plumber	4" Overflow Rainwater Pipe Up (14'-0" H)	4		4	EA	0.415	1.66	$ 105.5	$ 175.1	$ 50.0	$ 200.0	$ 375		$ 122.36	$ 489
925			DIV-22	Plumber	6" Overflow Rainwater Pipe Up (14'-0" H)	12		12	EA	0.623	7.47	$ 105.5	$ 787.9	$ 75.0	$ 900.0	$ 1,688		$ 183.55	$ 2,203
926			DIV-22	Plumber	8" Overflow Rainwater Pipe Up (14'-0" H)	2		2	EA	0.913	1.83	$ 105.5	$ 192.6	$ 110.0	$ 220.0	$ 413		$ 269.20	$ 538
927			DIV-22	Plumber	10" Overflow Rainwater Pipe Up (14'-0" H)	2		2	EA	1.162	2.32	$ 105.5	$ 245.1	$ 140.0	$ 280.0	$ 525		$ 342.62	$ 685
928			DIV-22	Plumber	15" Vrr (44'-0" H)	4		4	EA	2.075	8.30	$ 105.5	$ 875.5	$ 250.0	$ 1,000.0	$ 1,875	

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
			DIV-23		Hvac												$ 3,350,028		
					Mechanical Equipment														
					Diffuser & Grill														
932			DIV-23	Mechanical	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 50	20	(	20)	EA	0.996	(19.92)	$ 118.2)	$ 2,354.8)	$ 120.0)	$ 2,400.0)	$ 4,755)	($ 309.76)	($ 6,195)
933			DIV-23	Mechanical	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 75	13	(	13)	EA	1.079	(14.03)	$ 118.2)	$ 1,658.2)	$ 130.0)	$ 1,690.0)	$ 3,348)	($ 335.58)	($ 4,363)
934			DIV-23	Mechanical	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 100	4	(	4)	EA	1.162	(4.65)	$ 118.2)	$ 549.4)	$ 140.0)	$ 560.0)	$ 1,109)	($ 361.39)	($ 1,446)
935			DIV-23	Mechanical	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 105	7	(	7)	EA	1.204	(8.42)	$ 118.2)	$ 995.9)	$ 145.0)	$ 1,015.0)	$ 2,011)	($ 374.30)	($ 2,620)
936			DIV-23	Mechanical	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 125	16	(	16)	EA	1.287	(20.58)	$ 118.2)	$ 2,433.3)	$ 155.0)	$ 2,480.0)	$ 4,913)	($ 400.11)	($ 6,402)
937			DIV-23	Mechanical	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 145	5	(	5)	EA	1.370	(6.85)	$ 118.2)	$ 809.5)	$ 165.0)	$ 825.0)	$ 1,634)	($ 425.91)	($ 2,130)
938			DIV-23	Mechanical	Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 185	1	(	1)	EA	1.453	(1.45)	$ 118.2)	$ 171.7)	$ 175.0)	$ 175.0)	$ 347)	($ 451.74)	($ 452)
939			DIV-23	Mechanical	Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 210	3	(	3)	EA	1.536	(4.61)	$ 118.2)	$ 544.5)	$ 185.0)	$ 555.0)	$ 1,100)	($ 477.55)	($ 1,433)
940			DIV-23	Mechanical	Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 325	1	(	1)	EA	1.660	(1.66)	$ 118.2)	$ 196.2)	$ 200.0)	$ 200.0)	$ 396)	($ 516.27)	($ 516)
941			DIV-23	Mechanical	Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 830	3	(	3)	EA	2.158	(6.47)	$ 118.2)	$ 765.3)	$ 260.0)	$ 780.0)	$ 1,545)	($ 671.16)	($ 2,013)
942			DIV-23	Mechanical	Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 385	35	(	35)	EA	2.075	(72.63)	$ 118.2)	$ 8,585.1)	$ 250.0)	$ 8,750.0)	$ 17,335)	($ 645.34)	($ 22,587)
943			DIV-23	Mechanical	Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 400	1	(	1)	EA	4.980	(4.98)	$ 118.2)	$ 588.7)	$ 600.0)	$ 600.0)	$ 1,189)	($ 1,548.82)	($ 1,549)
944			DIV-23	Mechanical	Er-8 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: — Cfm: —	12	(	12)	EA	2.241	(26.89)	$ 118.2)	$ 3,178.9)	$ 270.0)	$ 3,240.0)	$ 6,419)	($ 696.97)	($ 8,364)
945			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 15	2	(	2)	EA	2.324	(4.65)	$ 118.2)	$ 549.4)	$ 280.0)	$ 560.0)	$ 1,109)	($ 722.78)	($ 1,446)
946			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 20	2	(	2)	EA	2.407	(4.81)	$ 118.2)	$ 569.1)	$ 290.0)	$ 580.0)	$ 1,149)	($ 748.60)	($ 1,497)
947			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 35	4	(	4)	EA	3.320	(13.28)	$ 118.2)	$ 1,569.8)	$ 400.0)	$ 1,600.0)	$ 3,170)	($ 1,032.55)	($ 4,130)
948			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 40	2	(	2)	EA	0.913	(1.83)	$ 118.2)	$ 215.9)	$ 110.0)	$ 220.0)	$ 436)	($ 283.95)	($ 568)
949			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-A Cfm: 50	1	(	1)	EA	0.955	(0.95)	$ 118.2)	$ 112.8)	$ 115.0)	$ 115.0)	$ 228)	($ 296.86)	($ 297)
950			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-A Cfm: 120	2	(	2)	EA	0.996	(1.99)	$ 118.2)	$ 235.5)	$ 120.0)	$ 240.0)	$ 475)	($ 309.76)	($ 620)
951			DIV-23	Mechanical	Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 160	2	(	2)	EA	1.038	(2.08)	$ 118.2)	$ 245.3)	$ 125.0)	$ 250.0)	$ 495)	($ 322.67)	($ 645)
952			DIV-23	Mechanical	Sd-4 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 160	2	(	2)	EA	1.079	(2.16)	$ 118.2)	$ 255.1)	$ 130.0)	$ 260.0)	$ 515)	($ 335.58)	($ 671)
953			DIV-23	Mechanical	Sd-5 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 190	2	(	2)	EA	1.079	(2.16)	$ 118.2)	$ 255.1)	$ 130.0)	$ 260.0)	$ 515)	($ 335.58)	($ 671)
954			DIV-23	Mechanical	Sd-5 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 535	18	(	18)	EA	1.328	(23.90)	$ 118.2)	$ 2,825.7)	$ 160.0)	$ 2,880.0)	$ 5,706)	($ 413.02)	($ 7,434)
955			DIV-23	Mechanical	Sd-6 – Kitchen Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Pmc-Aa Cfm: 215	3	(	3)	EA	1.411	(4.23)	$ 118.2)	$ 500.4)	$ 170.0)	$ 510.0)	$ 1,010)	($ 438.83)	($ 1,316)
956			DIV-23	Mechanical	Ld-1 – Supply Linear Diffuser (Lay-In) Manufacturer: Titus Model: FI-15-Ht Cfm: 780	9	(	9)	EA	1.494	(13.45)	$ 118.2)	$ 1,589.5)	$ 180.0)	$ 1,620.0)	$ 3,209)	($ 464.65)	($ 4,182)
957			DIV-23	Mechanical	Eg-7 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 2610	6	(	6)	EA	2.656	(15.94)	$ 118.2)	$ 1,883.8)	$ 320.0)	$ 1,920.0)	$ 3,804)	($ 826.04)	($ 4,956)
958			DIV-23	Mechanical	Eg-8 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 780	3	(	3)	EA	2.822	(8.47)	$ 118.2)	$ 1,000.8)	$ 340.0)	$ 1,020.0)	$ 2,021)	($ 877.67)	($ 2,633)
959			DIV-23	Mechanical	Eg-8 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 4240	5	(	5)	EA	3.735	(18.68)	$ 118.2)	$ 2,207.6)	$ 450.0)	$ 2,250.0)	$ 4,458)	($ 1,161.62)	($ 5,808)
960			DIV-23	Mechanical	Sa-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 1200	11	(	11)	EA	2.490	(27.39)	$ 118.2)	$ 3,237.8)	$ 300.0)	$ 3,300.0)	$ 6,538)	($ 774.41)	($ 8,519)
961			DIV-23	Mechanical	Sa-2 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 1600	3	(	3)	EA	2.822	(8.47)	$ 118.2)	$ 1,000.8)	$ 340.0)	$ 1,020.0)	$ 2,021)	($ 877.67)	($ 2,633)
962			DIV-23	Mechanical	Rr-5 – Return Air Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 600	5	(	5)	EA	3.735	(18.68)	$ 118.2)	$ 2,207.6)	$ 450.0)	$ 2,250.0)	$ 4,458)	($ 1,161.62)	($ 5,808)
963			DIV-23	Mechanical	Rg-3 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 120	11	(	11)	EA	2.490	(27.39)	$ 118.2)	$ 3,237.8)	$ 300.0)	$ 3,300.0)	$ 6,538)	($ 774.41)	($ 8,519)
964			DIV-23	Mechanical	Rg-5 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 1200	27	(	27)	EA	2.324	(62.75)	$ 118.2)	$ 7,417.5)	$ 280.0)	$ 7,560.0)	$ 14,978)	($ 722.78)	($ 19,515)
965			DIV-23	Mechanical	Rg-6 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 1600	1	(	1)	EA	3.650	(3.65)	$ 118.2)	$ 431.5)	$ 750.0)	$ 750.0)	$ 1,181)	($ 1,549.83)	($ 1,550)
966			DIV-23	Mechanical	Rg-8 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 10000	1	(	1)	EA	2.656	(2.66)	$ 118.2)	$ 314.0)	$ 320.0)	$ 320.0)	$ 634)	($ 826.04)	($ 826)
967			DIV-23	Mechanical	Rg-9 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 8000	1	(	1)	EA	4.120	(4.12)	$ 118.2)	$ 487.0)	$ 1,200.0)	$ 1,200.0)	$ 1,687)	($ 2,221.76)	($ 2,222)
968			DIV-23	Mechanical	Sg-2 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 200	1	(	1)	EA	1.245	(1.25)	$ 118.2)	$ 147.2)	$ 150.0)	$ 150.0)	$ 297)	($ 387.21)	($ 387)
969			DIV-23	Mechanical	Sg-5 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 120	1	(	1)	EA	1.245	(1.25)	$ 118.2)	$ 147.2)	$ 150.0)	$ 150.0)	$ 297)	($ 387.21)	($ 387)
970			DIV-23	Mechanical	Sg-5 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 160	1	(	1)	EA	1.245	(1.25)	$ 118.2)	$ 147.2)	$ 150.0)	$ 150.0)	$ 297)	($ 387.21)	($ 387)
971			DIV-23	Mechanical	Sg-7 – Supply Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 625	6	(	6)	EA	2.324	(13.94)	$ 118.2)	$ 1,648.3)	$ 280.0)	$ 1,680.0)	$ 3,328)	($ 722.78)	($ 4,337)
972			DIV-23	Mechanical	Sg-7 – Supply Sidewall Grille Manufacturer: Titus Model: Ul-Sd-Sv Cfm: 1060	7	(	7)	EA	2.656	(18.59)	$ 118.2)	$ 2,197.8)	$ 320.0)	$ 2,240.0)	$ 4,438)	($ 826.04)	($ 5,782)
973			DIV-23	Mechanical		2	(	2)	EA	1.245	(2.49)	$ 118.2)	$ 294.3)	$ 150.0)	$ 300.0)	$ 594)	($ 387.21)	($ 774)
974			DIV-23	Mechanical		1	(	1)	EA	3.850	(3.85)	$ 118.2)	$ 455.1)	$ 900.0)	$ 900.0)	$ 1,355)	($ 1,780.30)	($ 1,780)
975			DIV-23	Mechanical		1	(	1)	EA	3.735	(3.74)	$ 118.2)	$ 441.5)	$ 450.0)	$ 450.0)	$ 892)	($ 1,161.62)	($ 1,162)
976			DIV-23	Mechanical		1	(	1)	EA	6.000	(6.00)	$ 118.2)	$ 709.3)	$ 2,500.0)	$ 2,500.0)	$ 3,209)	($ 4,241.21)	($ 4,241)
977			DIV-23	Mechanical		3	(	3)	EA	6.000	(18.00)	$ 118.2)	$ 2,127.8)	$ 2,000.0)	$ 6,000.0)	$ 8,128)	($ 3,572.95)	($ 10,719)
978			DIV-23	Mechanical		2	(	2)	EA	1.494	(2.99)	$ 118.2)	$ 353.2)	$ 180.0)	$ 360.0)	$ 713)	($ 464.65)	($ 929)
979			DIV-23	Mechanical		24	(	24)	EA	1.245	(29.88)	$ 118.2)	$ 3,532.2)	$ 150.0)	$ 3,600.0)	$ 7,132)	($ 387.21)	($ 9,293)
980			DIV-23	Mechanical		4	(	4)	EA	1.287	(5.15)	$ 118.2)	$ 608.3)	$ 155.0)	$ 620.0)	$ 1,228)	($ 400.11)	($ 1,600)
981			DIV-23	Mechanical		2	(	2)	EA	2.324	(4.65)	$ 118.2)	$ 549.4)	$ 280.0)	$ 560.0)	$ 1,109)	($ 722.78)	($ 1,446)
982			DIV-23	Mechanical		16	(	16)	EA	2.490	(39.84)	$ 118.2)	$ 4,709.5)	$ 300.0)	$ 4,800.0)	$ 9,510)	($ 774.41)	($ 12,391)
983			DIV-23	Mechanical		4	(	4)	EA	3.154	(12.62)	$ 118.2)	$ 1,491.4)	$ 380.0)	$ 1,520.0)	$ 3,011)	($ 980.92)	($ 3,924)
984			DIV-23	Mechanical	Vertical Heat Pump Schedule Vhp-024 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv024	21	(	21)	EA	6.000	(126.00)	$ 118.2)	$ 14,894.6)	$ 5,200.0)	$ 109,200.0)	$ 124,095)	($ 7,849.85)	($ 164,847)
985			DIV-23	Mechanical	Vhp-036 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv036	19	(	19)	EA	8.000	(152.00)	$ 118.2)	$ 17,968.1)	$ 6,000.0)	$ 114,000.0)	$ 131,968)	($ 9,219.04)	($ 175,162)
986			DIV-23	Mechanical	Vhp-048 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv048	3	(	3)	EA	8.000	(24.00)	$ 118.2)	$ 2,837.1)	$ 7,200.0)	$ 21,600.0)	$ 24,437)	($ 10,822.87)	($ 32,469)
987			DIV-23	Mechanical	Vhp-060 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv060	1	(	1)	EA	8.000	(8.00)	$ 118.2)	$ 945.7)	$ 8,500.0)	$ 8,500.0)	$ 9,446)	($ 12,560.37)	($ 12,560)
988			DIV-23	Mechanical	Vhp-096 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv096	1	(	1)	EA	8.000	(8.00)	$ 118.2)	$ 945.7)	$ 8,500.0)	$ 8,500.0)	$ 9,446)	($ 12,560.37)	($ 12,560)
989			DIV-23	Mechanical	Vhp-300 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv300	1	(	1)	EA	14.000	(14.00)	$ 118.2)	$ 1,655.0)	$ 12,000.0)	$ 12,000.0)	$ 13,655)	($ 18,138.11)	($ 18,138)
990			DIV-23	Mechanical		1	(	1)	EA	32.000	(32.00)	$ 118.2)	$ 3,782.8)	$ 22,000.0)	$ 22,000.0)	$ 25,783)	($ 34,203.08)	($ 34,203)
985			DIV-23	Mechanical	Damper Fire Damper	8	(	8)	EA	3.400	(27.20)	$ 118.2)	$ 3,215.4)	$ 450.0)	$ 3,600.0)	$ 6,815)	($ 1,111.37)	($ 8,891)
986			DIV-23	Mechanical	Motorized Damper	57	(	57)	EA	3.850	(219.45)	$ 118.2)	$ 25,941.5)	$ 900.0)	$ 51,300.0)	$ 77,241)	($ 1,780.30)	($ 101,477)
987			DIV-23	Mechanical	Heat Pump Chp-007 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1007	14	(	14)	EA	6.000	(84.00)	$ 118.2)	$ 9,929.8)	$ 2,800.0)	$ 39,200.0)	$ 49,130)	($ 4,642.17)	($ 64,990)
988			DIV-23	Mechanical	Chp-012 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1012	2	(	2)	EA	6.000	(12.00)	$ 118.2)	$ 1,418.5)	$ 3,200.0)	$ 6,400.0)	$ 7,819)	($ 5,176.79)	($ 10,354)
989			DIV-23	Mechanical	Chp-018 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1018	10	(	10)	EA	6.000	(60.00)	$ 118.2)	$ 7,092.7)	$ 3,800.0)	$ 38,000.0)	$ 45,093)	($ 5,978.70)	($ 59,787)
990			DIV-23	Mechanical	Hhp-007 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh007	5	(	5)	EA	6.000	(30.00)	$ 118.2)	$ 3,546.3)	$ 2,900.0)	$ 14,500.0)	$ 18,046)	($ 4,775.83)	($ 23,879)

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
991			DIV-23	Mechanical	Hhp-012 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh012	6	(	6)	EA	6.000	(36.00)	$ 118.2)	$ 4,255.63)	$ 3,400.00)	$ 20,400.00)	$ 24,656)		($ 5,444.09)	($ 32,665)
992			DIV-23	Mechanical	Hhp-024 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh024	2	(	2)	EA	6.500	(13.00)	$ 118.2)	$ 1,536.7)	$ 4,600.00)	$ 9,200.00)	$ 10,737)		($ 7,122.92)	($ 14,246)
993			DIV-23	Mechanical	Chp-015 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1015	14	(	14)	EA	6.500	(91.00)	$ 118.2)	$ 10,757.2)	$ 4,000.00)	$ 56,000.00)	$ 66,757)		($ 6,321.00)	($ 88,494)
994			DIV-23	Mechanical	Hhp-018 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh018	14	(	14)	EA	7.000	(98.00)	$ 118.2)	$ 11,584.7)	$ 5,000.00)	$ 70,000.00)	$ 81,585)		($ 7,732.52)	($ 108,255)
995			DIV-23	Mechanical	Hhp-048 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh048	14	(	14)	EA	8.000	(112.00)	$ 118.2)	$ 13,239.7)	$ 6,500.00)	$ 91,000.00)	$ 104,240)		($ 9,887.30)	($ 138,422)
996			DIV-23	Mechanical		14	(	14)	EA	8.000	(112.00)	$ 118.2)	$ 13,239.7)	$ 7,800.00)	$ 109,200.00)	$ 122,440)		($ 11,624.79)	($ 162,747)
					Louver														
997			DIV-23	Mechanical	K-5 Louver Manufacturer: Ruskin Model: EID7326x Cfm: 300	3	(	3)	EA	3.400	(10.20)	$ 118.2)	$ 1,205.8)	$ 400.00)	$ 1,200.00)	$ 2,406)		($ 1,044.55)	($ 3,134)
					Condensing Unit														
998			DIV-23	Mechanical	Co-5 – Condensing Unit Manufacturer: Tbd Model: Tbd	1	(	1)	EA	6.000	(6.00)	$ 118.2)	$ 709.3)	$ 4,500.00)	$ 4,500.00)	$ 5,209)		($ 6,914.28)	($ 6,914)
999			DIV-23	Mechanical	Co-2 – Condensing Unit Manufacturer: Tbd Model: Tbd	1	(	1)	EA	6.000	(6.00)	$ 118.2)	$ 709.3)	$ 4,500.00)	$ 4,500.00)	$ 5,209)		($ 6,914.28)	($ 6,914)
					Outside Air Unit														
1000			DIV-23	Mechanical	Doas-1 Outside Air Unit Manufacturer: Innovent Model: Eru-Ou-Wh-30000-Hp-Hg-Hg-460	1	(	1)	EA	22.000	(22.00)	$ 118.2)	$ 2,600.7)	$ 18,000.00)	$ 18,000.00)	$ 20,601)		($ 27,357.15)	($ 27,357)
					Exhaust Fan														
1001			DIV-23	Mechanical	Kef-1 Exhaust Fan Manufacturer: Greenheck Model: Cue-140-Vg	1	(	1)	EA	4.120	(4.12)	$ 118.2)	$ 487.0)	$ 1,200.00)	$ 1,200.00)	$ 1,687)		($ 2,221.76)	($ 2,222)
1002			DIV-23	Mechanical	Kef-2 Exhaust Fan Manufacturer: Greenheck Model: Cue-140-Vg	1	(	1)	EA	4.120	(4.12)	$ 118.2)	$ 487.0)	$ 1,200.00)	$ 1,200.00)	$ 1,687)		($ 2,221.76)	($ 2,222)
1003			DIV-23	Mechanical	Tf-1 Exhaust Fan Manufacturer: Greenheck Model: Cue-100-Hp	1	(	1)	EA	3.850	(3.85)	$ 118.2)	$ 455.1)	$ 900.00)	$ 900.00)	$ 1,355)		($ 1,790.30)	($ 1,790)
					Tf-2 Exhaust Fan Manufacturer: Greenheck Model: Cup-A300-Vg														
1004			DIV-23	Mechanical	Tf-3 Exhaust Fan Manufacturer: Greenheck Model: -090Hp-Vgcuse-300-Hp	2	(	2)	EA	6.000	(12.00)	$ 118.2)	$ 1,418.5)	$ 2,200.00)	$ 4,400.00)	$ 5,819)		($ 3,840.25)	($ 7,681)
1005			DIV-23	Mechanical		1	(	1)	EA	6.000	(6.00)	$ 118.2)	$ 709.3)	$ 2,500.00)	$ 2,500.00)	$ 3,209)		($ 4,241.21)	($ 4,241)
					Vav Box														
1006			DIV-23	Mechanical	Cav-4 – Single Inlet Cav W/ No Coil Manufacturer: Titus Model: Desv-06	7	(	7)	EA	4.000	(28.00)	$ 118.2)	$ 3,309.9)	$ 950.00)	$ 6,650.00)	$ 9,960)		($ 1,869.63)	($ 13,087)
1007			DIV-23	Mechanical	Cav-6 – Single Inlet Cav W/ No Coil Manufacturer: Titus Model: Desv-06	7	(	7)	EA	4.000	(28.00)	$ 118.2)	$ 3,309.9)	$ 1,050.00)	$ 7,350.00)	$ 10,660)		($ 2,003.28)	($ 14,023)
					Vav-6 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-06														
1008			DIV-23	Mechanical	Vav-4 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-04	64	(	64)	EA	4.120	(263.68)	$ 118.2)	$ 31,170.0)	$ 1,200.00)	$ 76,800.0)	$ 107,970)		($ 2,221.76)	($ 142,193)
1009			DIV-23	Mechanical	Vav-8 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-08	11	(	11)	EA	4.100	(45.10)	$ 118.2)	$ 5,331.3)	$ 1,100.00)	$ 12,100.0)	$ 17,431)		($ 2,085.11)	($ 22,936)
1010			DIV-23	Mechanical	Vav-10 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-10	3	(	3)	EA	4.230	(12.69)	$ 118.2)	$ 1,500.1)	$ 1,400.00)	$ 4,200.0)	$ 5,700)		($ 2,505.56)	($ 7,517)
					Vav-12 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-12														
1011			DIV-23	Mechanical	Cav-08 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-08	6	(	6)	EA	4.320	(25.92)	$ 118.2)	$ 3,064.0)	$ 1,600.00)	$ 9,600.0)	$ 12,664)		($ 2,786.37)	($ 16,718)
1012			DIV-23	Mechanical	Cav-05 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-06	4	(	4)	EA	4.650	(18.60)	$ 118.2)	$ 2,198.7)	$ 1,900.00)	$ 7,600.0)	$ 9,799)		($ 3,236.82)	($ 12,947)
1013			DIV-23	Mechanical		6	(	6)	EA	4.750	(28.50)	$ 118.2)	$ 3,369.0)	$ 1,700.00)	$ 10,200.0)	$ 13,569)		($ 2,984.51)	($ 17,907)
1014			DIV-23	Mechanical		6	(	6)	EA	4.230	(25.38)	$ 118.2)	$ 3,000.2)	$ 1,500.00)	$ 9,000.0)	$ 12,000)		($ 2,639.22)	($ 15,835)
					Hydronic Pump														
1015			DIV-23	Mechanical	P-1A – Geothermal System Pump Manufacturer: Bell & Gossett Model: E-1530-4Gc	7	(	7)	EA	4.000	(28.00)	$ 118.2)	$ 3,309.9)	$ 12,444.0)	$ 87,108.0)	$ 90,418)		($ 17,231.72)	($ 120,623)
1016			DIV-23	Mechanical	P-1B – Geothermal System Pump Manufacturer: Bell & Gossett Model: E-1530-4Gc	7	(	7)	EA	4.000	(28.00)	$ 118.2)	$ 3,309.9)	$ 12,444.0)	$ 87,108.0)	$ 90,418)		($ 17,231.72)	($ 120,623)
1017			DIV-23	Mechanical	P-2 – Telecom / Freezer Cooler Pump Manufacturer: Bell & Gossett Model: PI-55	6	(	6)	EA	3.650	(21.90)	$ 118.2)	$ 2,588.8)	$ 1,132.00)	$ 6,792.0)	$ 9,381)		($ 2,060.38)	($ 12,362)
					Water Source Heat Pump Schedule														
1018			DIV-23	Mechanical	E-3 Cfm: 350	3	(	3)	EA	3.400	(10.20)	$ 118.2)	$ 1,205.8)	$ 480.0)	$ 1,440.0)	$ 2,646)		($ 1,152.47)	($ 3,458)
1019			DIV-23	Mechanical	E-3 Cfm: 325	35	(	35)	EA	3.400	(119.00)	$ 118.2)	$ 14,067.2)	$ 460.0)	$ 16,100.0)	$ 30,167)		($ 1,124.74)	($ 39,360)
1020			DIV-23	Mechanical	E-3 Cfm: 820	1	(	1)	EA	3.850	(3.85)	$ 118.2)	$ 455.1)	$ 950.0)	$ 950.0)	$ 1,405)		($ 1,947.19)	($ 1,947)
					Mechanical Ductwork														
					Ductwork														
1021			DIV-23	Mechanical	6X6 Rectangular Supply Air Duct 6X8	75	5%	78)	LF	0.268	(20.99)	$ 118.2)	$ 2,480.9)	$ 13.5)	$ 1,057.2)	$ 3,538)		($ 58.24)	($ 4,561)
1022			DIV-23	Mechanical	Rectangular Supply Air Duct 8X8	39	5%	41)	LF	0.302	(12.24)	$ 118.2)	$ 1,446.9)	$ 15.2)	$ 617.3)	$ 2,064)		($ 65.65)	($ 2,691)
1023			DIV-23	Mechanical	Rectangular Supply Air Duct 8X10	472	5%	496)	LF	0.334	(165.57)	$ 118.2)	$ 19,575.7)	$ 16.8)	$ 8,347.7)	$ 27,919)		($ 72.60)	($ 36,065)
1024			DIV-23	Mechanical	Rectangular Supply Air Duct 10X10	227	5%	239)	LF	0.368	(87.87)	$ 118.2)	$ 10,387.4)	$ 18.5)	$ 4,424.6)	$ 14,812)		($ 79.96)	($ 19,099)
1025			DIV-23	Mechanical	Rectangular Supply Air Duct 12X10	41	5%	44)	LF	0.403	(17.56)	$ 118.2)	$ 2,075.4)	$ 20.3)	$ 884.4)	$ 2,960)		($ 87.67)	($ 3,816)
1026			DIV-23	Mechanical	Rectangular Supply Air Duct 14X10	415	5%	436)	LF	0.435	(189.67)	$ 118.2)	$ 22,421.2)	$ 21.9)	$ 9,548.9)	$ 31,970)		($ 94.51)	($ 41,209)
1027			DIV-23	Mechanical	Rectangular Supply Air Duct 14X12	235	5%	246)	LF	0.468	(115.28)	$ 118.2)	$ 13,627.7)	$ 23.6)	$ 5,810.9)	$ 19,439)		($ 101.72)	($ 25,057)
1028			DIV-23	Mechanical	Rectangular Supply Air Duct 16X12	569	5%	597)	LF	0.502	(298.84)	$ 118.2)	$ 35,344.6)	$ 25.3)	$ 15,087.3)	$ 50,531)		($ 109.05)	($ 65,134)
1029			DIV-23	Mechanical	Rectangular Supply Air Duct 16X14	24	5%	25)	LF	0.539	(13.50)	$ 118.2)	$ 1,596.3)	$ 27.2)	$ 680.2)	$ 2,276)		($ 117.13)	($ 2,934)
1030			DIV-23	Mechanical	Rectangular Supply Air Duct 16X16	545	5%	573)	LF	0.569	(325.78)	$ 118.2)	$ 38,510.6)	$ 28.6)	$ 16,391.9)	$ 54,903)		($ 123.60)	($ 70,769)
1031			DIV-23	Mechanical	Rectangular Supply Air Duct 18X14	22	5%	23)	LF	0.607	(13.84)	$ 118.2)	$ 1,635.7)	$ 30.6)	$ 696.9)	$ 2,333)		($ 131.90)	($ 3,007)
1032			DIV-23	Mechanical	Rectangular Supply Air Duct 18X16	58	5%	60)	LF	0.644	(38.52)	$ 118.2)	$ 4,316.8)	$ 30.6)	$ 1,818.0)	$ 6,155)		($ 131.22)	($ 7,931)
1033			DIV-23	Mechanical	Rectangular Supply Air Duct 20X18	7	5%	7)	LF	0.653	(4.80)	$ 118.2)	$ 567.4)	$ 32.9)	$ 241.6)	$ 809)		($ 141.87)	($ 1,043)
1034			DIV-23	Mechanical	Rectangular Supply Air Duct 24X20	10	5%	11)	LF	0.716	(7.81)	$ 118.2)	$ 923.4)	$ 36.0)	$ 393.1)	$ 1,316)		($ 155.54)	($ 1,697)
1035			DIV-23	Mechanical	Rectangular Supply Air Duct 40X28	11	5%	12)	LF	0.816	(9.61)	$ 118.2)	$ 1,136.4)	$ 41.1)	$ 484.3)	$ 1,621)		($ 177.27)	($ 2,089)
1036			DIV-23	Mechanical	Rectangular Supply Air Duct 44X36	105	5%	111)	LF	1.388	(153.44)	$ 118.2)	$ 18,137.8)	$ 69.9)	$ 7,724.8)	$ 25,863)		($ 301.57)	($ 33,337)
1037			DIV-23	Mechanical	Rectangular Supply Air Duct 30" Dia	29	5%	30)	LF	2.033	(61.65)	$ 118.2)	$ 7,287.6)	$ 102.4)	$ 3,103.7)	$ 10,391)		($ 441.70)	($ 13,394)
1038			DIV-23	Mechanical	Circular Supply Air Duct	63	5%	66)	LF	1.073	(70.56)	$ 118.2)	$ 8,341.2)	$ 54.0)	$ 3,553.8)	$ 11,895)		($ 233.16)	($ 15,339)
1039			DIV-23	Mechanical	26" Dia Circular Supply Air Duct	45	5%	48)	LF	0.940	(44.65)	$ 118.2)	$ 5,278.4)	$ 47.4)	$ 2,249.7)	$ 7,528)		($ 204.26)	($ 9,704)
1040			DIV-23	Mechanical	24" Dia Circular Supply Air Duct	16	5%	17)	LF	0.880	(14.85)	$ 118.2)	$ 1,755.3)	$ 44.3)	$ 747.5)	$ 2,503)		($ 191.19)	($ 3,226)
1041			DIV-23	Mechanical	22" Dia Circular Supply Air Duct	45	5%	47)	LF	0.806	(38.19)	$ 118.2)	$ 4,513.9)	$ 40.6)	$ 1,895.0)	$ 6,409)		($ 174.91)	($ 8,260)
1042			DIV-23	Mechanical	20" Dia Circular Supply Air Duct	12	5%	13)	LF	0.747	(9.36)	$ 118.2)	$ 1,106.1)	$ 37.6)	$ 473.4)	$ 1,579)		($ 162.13)	($ 2,032)
1043			DIV-23	Mechanical	18" Dia Circular Supply Air Duct	12	5%	13)	LF	0.679	(8.60)	$ 118.2)	$ 1,016.4)	$ 34.2)	$ 433.2)	$ 1,450)		($ 147.56)	($ 1,869)
1044			DIV-23	Mechanical	16" Dia Circular Supply Air Duct	49	5%	52)	LF	0.604	(31.20)	$ 118.2)	$ 3,688.5)	$ 30.4)	$ 1,571.5)	$ 5,260)		($ 131.25)	($ 6,785)
1045			DIV-23	Mechanical	14" Dia Circular Supply Air Duct	39	5%	41)	LF	0.538	(21.92)	$ 118.2)	$ 2,591.0)	$ 22.1)	$ 893.1)	$ 3,490)		($ 116.19)	($ 4,689)
1046			DIV-23	Mechanical	12" Dia Circular Supply Air Duct	22	5%	23)	LF	0.472	(10.71)	$ 118.2)	$ 1,266.6)	$ 23.8)	$ 539.8)	$ 1,806)		($ 102.54)	($ 2,328)
1047			DIV-23	Mechanical	8X6 Rectangular Return Air Duct	15	5%	15)	LF	0.305	(4.65)	$ 118.2)	$ 550.1)	$ 15.4)	$ 234.2)	$ 784)		($ 66.26)	($ 1,011)
1048			DIV-23	Mechanical	10X8 Rectangular Return Air Duct	75	5%	79)	LF	0.369	(29.18)	$ 118.2)	$ 3,449.3)	$ 18.6)	$ 1,468.4)	$ 4,918)		($ 80.33)	($ 6,339)
1049			DIV-23	Mechanical	12X8 Rectangular Return Air Duct	12	5%	12)	LF	0.408	(5.08)	$ 118.2)	$ 600.1)	$ 20.5)	$ 255.4)	$ 856)		($ 88.57)	($ 1,059)
1050			DIV-23	Mechanical	14X10 Rectangular Return Air Duct	32	5%	33)	LF	0.471	(15.67)	$ 118.2)	$ 1,852.1)	$ 23.7)	$ 788.7)	$ 2,641)		($ 102.23)	($ 3,404)
1051			DIV-23	Mechanical	14X12 Rectangular Return Air Duct	295	5%	310)	LF	0.502	(155.48)	$ 118.2)	$ 18,403.7)	$ 25.3)	$ 7,836.9)	$ 26,241)		($ 109.00)	($ 33,834)
1052			DIV-23	Mechanical	16X14 Rectangular Return Air Duct	278	5%	292)	LF	0.569	(166.37)	$ 118.2)	$ 19,666.3)	$ 28.6)	$ 8,373.8)	$ 28,040)		($ 123.62)	($ 36,144)
1053			DIV-23	Mechanical	18X14 Rectangular Return Air Duct	15	5%	15)	LF	0.609	(9.29)	$ 118.2)	$ 1,098.3)	$ 30.7)	$ 468.2)	$ 1,567)		($ 132.94)	($ 2,029)
1054			DIV-23	Mechanical	18X16 Rectangular Return Air Duct	7	5%	8)	LF	0.653	(4.92)	$ 118.2)	$ 582.0)	$ 32.9)	$ 247.8)	$ 830)		($ 141.87)	($ 1,070)
1055			DIV-23	Mechanical	24X24 Rectangular Return Air Duct	9	5%	10)	LF	0.888	(8.71)	$ 118.2)	$ 1,029.5)	$ 44.7)	$ 438.5)	$ 1,468)		($ 192.94)	($ 1,892)
1056			DIV-23	Mechanical	26X14 Rectangular Return Air Duct	22	5%	23)	LF	0.742	(17.22)	$ 118.2)	$ 2,035.4)	$ 37.4)	$ 860.9)	$ 2,902)		($ 161.22)	($ 3,743)
1057			DIV-23	Mechanical	44X24 Rectangular Return Air Duct	5	5%	5)	LF	1.825	(9.96)	$ 118.2)	$ 1,177.9)	$ 91.9)	$ 501.7)	$ 1,680)		($ 396.52)	($ 2,165)
1058			DIV-23	Mechanical	8X8 Rectangular Outside Air Duct	164	5%	172)	LF	0.335	(57.67)	$ 118.2)	$ 6,817.6)	$ 16.9)	$ 2,900.8)	$ 9,718)		($ 72.76)	($ 12,527)
1059			DIV-23	Mechanical	8X10 Rectangular Outside Air Duct	146	5%	153)	LF	0.368	(56.30)	$ 118.2)	$ 6,655.1)	$ 18.5)	$ 2,836.3)	$ 9,491)		($ 79.97)	($ 12,235)
1060			DIV-23	Mechanical	10X8 Rectangular Outside Air Duct	252	5%	265)	LF	0.368	(97.37)	$ 118.2)	$ 11,510.1)	$ 18.5)	$ 4,902.8)	$ 16,413)		($ 79.97)	($ 21,156)
1061			DIV-23	Mechanical	10X10 Rectangular Outside Air Duct	358	5%	376)	LF	0.401	(150.66)	$ 118.2)	$ 17,810.2)	$ 20.2)	$ 7,593.3)	$ 25,404)		($ 87.15)	($ 32,765)
1062			DIV-23	Mechanical	12X8 Rectangular Outside Air Duct	138	5%	145)	LF	0.402	(58.33)	$ 118.2)	$ 6,895.8)	$ 20.2)	$ 2,935.6)	$ 9,831)		($ 87.33)	($ 12,672)
1063			DIV-23	Mechanical	12X10 Rectangular Outside Air Duct	107	5%	113)	LF	0.435	(49.02)	$ 118.2)	$ 5,794.5)	$ 21.9)	$ 2,469.0)	$ 8,263)		($ 94.51)	($ 10,652)
1064			DIV-23	Mechanical	14X10 Rectangular Outside Air Duct	357	5%	375)	LF	0.468	(175.61)	$ 118.2)	$ 20,758.7)	$ 23.6)	$ 8,847.9)	$ 29,607)		($ 101.71)	($ 38,163)
1065			DIV-23	Mechanical	14X12 Rectangular Outside Air Duct	48	5%	51)	LF	0.503	(25.47)	$ 118.2)	$ 3,010.5)	$ 25.4)	$ 1,283.5)	$ 4,294)		($ 109.32)	($ 5,579)
1066			DIV-23	Mechanical	14X14 Rectangular Outside Air Duct	16	5%	17)	LF	0.541	(9.04)	$ 118.2)	$ 1,068.4)	$ 27.3)	$ 455.4)	$ 1,524)		($ 117.57)	($ 1,969)
1067			DIV-23	Mechanical	16X10 Rectangular Outside Air Duct	323	5%	340)	LF	0.502	(170.47)	$ 118.2)	$ 20,151.4)	$ 25.3)	$ 8,581.2)	$ 28,733)		($ 109.00)	($ 37,036)
1068			DIV-23	Mechanical	16X12 Rectangular Outside Air Duct	146	5%	153)	LF	0.536	(82.03)	$ 118.2)	$ 9,697.3)	$ 27.0)	$ 4,127.7)	$ 13,825)		($ 116.44)	($ 17,820)
1069			DIV-23	Mechanical	18X10 Rectangular Outside Air Duct	18	5%	19)	LF	0.541	(10.14)	$ 118.2)	$ 1,198.8)	$ 27.3)	$ 510.2)	$ 1,709)		($ 117.57)	($ 2,203)
1070			DIV-23	Mechanical	18X12 Rectangular Outside Air Duct	3	5%	3)	LF	0.605	(2.11)	$ 118.2)	$ 249.3)	$ 30.5)	$ 106.2)	$ 355)		($ 131.45)	($ 458)
1071			DIV-23	Mechanical	20X12 Rectangular Outside Air Duct	259	5%	272)	LF	0.802	(163.99)	$ 118.2)	$ 19,385.0)	$ 30.1)	$ 8,261.9)	$ 27,647)		($ 130.81)	($ 35,537)
1072			DIV-23	Mechanical	20X14 Rectangular Outside Air Duct	14	5%	15)	LF	0.844	(9.43)	$ 118.2)	$ 1,114.3)	$ 32.4)	$ 474.7)	$ 1,589)		($ 133.93)	($ 2,048)
1073			DIV-23	Mechanical	22X12 Rectangular Outside Air Duct	271	5%	285)	LF	0.636	(181.22)	$ 118.2)	$ 21,422.4)	$ 32.0)	$ 9,120.9)	$ 30,543)		($ 138.17)	($ 39,370)
1074			DIV-23	Mechanical	24X16 Rectangular Outside Air Duct	51	5%	54)	LF	0.738	(39.51)	$ 118.2)	$ 4,670.8)	$ 37.2)	$ 1,990.6)	$ 6,661)		($ 160.38)	($ 8,587)
1075			DIV-23	Mechanical	26X12 Rectangular Outside Air Duct	18	5%	18)	LF	0.710	(13.08)	$ 118.2)	$ 1,545.7)	$ 35.7)	$ 658.0)	$ 2,204)		($ 154.24)	($ 2,841)
1076			DIV-23	Mechanical	28X12 Rectangular Outside Air Duct	17	5%	18)	LF	0.744	(13.60)	$ 118.2)	$ 1,607.8)	$ 37.5)	$ 684.8)	$ 2,293)		($ 161.65)	($ 2,955)
1077			DIV-23	Mechanical	28X14 Rectangular Outside Air Duct	119	5%	125)	LF	0.770	(96.32)	$ 118.2)	$ 11,386.7)	$ 38.8)	$ 4,851.3)	$ 16,238)		($ 167.32)	($ 20,971)
1078			DIV-23	Mechanical	30X14 Rectangular Outside Air Duct	25	5%	26)	LF	0.809	(21.17)	$ 118.2)	$ 2,502.3)	$ 40.7)	$ 1,065.2)	$ 3,568)		($ 175.74)	($ 4,595)
1079			DIV-23	Mechanical	32X14 Rectangular Outside Air Duct	141	5%	148)	LF	1.019	(151.19)	$ 118.2)	$ 17,872.9)	$ 51.3)	$ 7,613.1)	$ 25,486)		($ 221.41)	($ 32,851)
1080			DIV-23	Mechanical	34X14 Rectangular Outside Air Duct	148	5%	155)	LF	1.060	(164.61)	$ 118.2)	$ 19,459.1)	$ 53.4)	$ 8,286.5)	$ 27,746)		($ 230.30)	($ 35,769)
1081			DIV-23	Mechanical	36X28 Rectangular Outside Air Duct	170	5%	178)	LF	1.385	(247.14)	$ 118.2)	$ 29,214.2)	$ 69.8)	$ 12,449.5)	$ 41,664)		($ 300.97)	($ 53,700)
1082			DIV-23	Mechanical	38X14 Rectangular Outside Air Duct	33	5%	35)	LF	1.146	(40.23)	$ 118.2)	$ 4,755.2)	$ 57.4)	$ 2,013.8)	$ 6,769)		($ 248.55)	($ 8,729)
1083			DIV-23	Mechanical	38X36 Rectangular Outside Air Duct	86	5%	90)	LF	1.183	(106.87)	$ 118.2)	$ 12,633.8)	$ 59.6)	$ 5,381.7)	$ 18,015)		($ 257.04)	($ 23,223)
1084			DIV-23	Mechanical	40X28 Rectangular Outside Air Duct	41	5%	43)	LF	1.476	(64.12)	$ 118.2)	$ 7,579.3)	$ 74.3)	$ 3,227.8)	$ 10,807)		($ 320.69)	($ 13,936)
1085			DIV-23	Mechanical	46X20 Rectangular Outside Air Duct	31	5%	33)	LF	1.693	(55.12)	$ 118.2)	$ 6,516.4)	$ 85.2)	$ 2,775.5)	$ 9,292)		($ 367.84)	($ 11,973)
1086			DIV-23	Mechanical	48X22 Rectangular Outside Air Duct	73	5%	77)	LF	1.780	(136.47)	$ 118.2)	$ 16,132.8)	$ 89.6)	$ 6,872.0)	$ 23,005)		($ 386.76)	($ 29,653)
1087			DIV-23	Mechanical	50X36 Rectangular Outside Air Duct	33	5%	34)	LF	2.175	(74.61)	$ 118.2)	$ 8,819.8)	$ 109.5)	$ 3,757.3)	$ 12,577)		($ 472.60)	($ 16,212)
1088			DIV-23	Mechanical	60X40 Rectangular Outside Air Duct	158	5%	166)	LF	2.496	(413.59)	$ 118.2)	$ 48,890.9)	$ 125.7)	$ 20,828.6)	$ 69,719)		($ 542.15)	($ 89,869)
1089			DIV-23	Mechanical	6X6 Rectangular Exhaust Air Duct	262	5%	275)	LF	0.268	(73.74)	$ 118.2)	$ 8,716.7)	$ 13.5)	$ 3,708.9)	$ 12,426)		($ 58.21)	($ 16,016)
1090			DIV-23	Mechanical	8X8 Rectangular Exhaust Air Duct	192	5%	202)	LF	0.335	(67.69)	$ 118.2)	$ 8,001.4)	$ 16.9)	$ 3,404.6)	$ 11,406)		($ 72.76)	($ 14,702)
1091			DIV-23	Mechanical	8X12 Rectangular Exhaust Air Duct	32	5%	34)	LF	0.404	(13.69)	$ 118.2)	$ 1,618.2)	$ 20.3)	$ 688.5)	$ 2,307)		($ 87.75)	($ 2,973)
1092			DIV-23	Mechanical	8X14 Rectangular Exhaust Air Duct	14	5%	14)	LF	0.441	(6.30)	$ 118.2)	$ 745.0)	$ 22.2)	$ 317.1)	$ 1,062)		($ 95.80)	($ 1,369)
1093			DIV-23	Mechanical	10X8 Rectangular Exhaust Air Duct	162	5%	170)	LF	0.368	(62.69)	$ 118.2)	$ 7,410.2)	$ 18.5)	$ 3,158.1)	$ 10,568)		($ 79.97)	($ 13,225)
1094			DIV-23	Mechanical	10X10 Rectangular Exhaust Air Duct	377	5%	396)	LF	0.401	(158.61)	$ 118.2)	$ 18,749.0)	$ 20.2)	$ 7,993.6)	$ 26,743)		($ 87.15)	($ 34,571)
1095			DIV-23	Mechanical	12X12 Rectangular Exhaust Air Duct	284	5%	298)	LF	0.435	(129.63)	$ 118.2)	$ 15,321.6)	$ 21.9)	$ 6,525.3)	$ 21,847)		($ 94.51)	($ 28,017)
1096			DIV-23	Mechanical	12X10 Rectangular Exhaust Air Duct	158	5%	165)	LF	0.435	(71.95)	$ 118.2)	$ 8,505.0)	$ 21.9)	$ 3,623.8)	$ 12,129)		($ 94.51)	($ 15,934)
1097			DIV-23	Mechanical	12X12 Rectangular Exhaust Air Duct	261	5%	275)	LF	0.468	(128.49)	$ 118.2)	$ 15,188.6)	$ 23.6)	$ 6,470.5)	$ 21,665)		($ 101.72)	($ 29,926)
1098			DIV-23	Mechanical	14X12 Rectangular Exhaust Air Duct	29	5%	30)	LF	0.505	(15.31)	$ 118.2)	$ 1,810.2)	$ 25.4)	$ 770.8)	$ 2,581)		($ 109.76)	($ 3,325)
1099			DIV-23	Mechanical	14X8 Rectangular Exhaust Air Duct	14	5%	14)	LF	0.441	(6.30)	$ 118.2)	$ 745.0)	$ 22.2)	$ 317.1)	$ 1,062)		($ 95.80)	($ 1,369)
1100			DIV-23	Mechanical	16X12 Rectangular Exhaust Air Duct	128	5%	134)	LF	0.536	(72.04

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
					Mechanical Pipes														
1135			DIV-23	Mechanical	Allowance For Mechanical Pipes (105171 SF)	105171		(105,171)	LS	0.006	(631.03)	$ 118.2)	$ 74,594.5)	$ 1.0)	$ 99,912.5)	$ 174,507		$ 2.17)	$ 228,178
					Ductwork Fittings														
1136			DIV-23	Mechanical	Allowance For Mechanical Ductwork (105171 SF)	105171		(105,171)	LS	0.008	(841.37)	$ 118.2)	$ 99,459.3)	$ 1.5)	$ 161,963.3)	$ 261,423		$ 3.26)	$ 342,658
			DIV-26		**Electrical**												$ 4,524,112		
					Lighting Fixture														
					Lighting Fixture														
1137			DIV-26	Electrician	L2 – 4' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RL-50B-20-35K-Unv-Dim-Ceiling-Type-4'-Length (Or Equal) B1 – 4' Linear Utility Strip Light Manufacturer: Metalux / Lamded (Or Equal) Model: Lamded 4' Linear Utility Strip Light (Or Equal) P1 – 6" Recessed Downlight Fixture Manufacturer: Halo (Or Equal) Model: HBdr / HcB150D08Bhx25D025B5-6-Hmdh (Or Equal)	1100		(1,100)	EA	3.400	(3,740.00)	$ 103.2)	$ 385,968.0)	$ 420.0)	$ 462,000.0)	$ 847,968		$ 1,006.52)	$ 1,107,171
1138			DIV-26	Electrician	L2 – 8' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RL-50B-35-35K-Unv-Dim-Ceiling-Type-6'-Length (Or Equal) L3 – 10' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RL-50B-45-35K-Unv-Dim-Ceiling-Type-10'-Length (Or Equal) L4 – 12' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RL-50B-58-35K-Unv-Dim-Ceiling-Type-12'-Length (Or Equal) L5 – 8' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RL-50B-40-35K-Unv-Dim-Ceiling-Type-8'-Length (Or Equal) F2 – 4" Diameter Architectural Recessed Light Manufacturer: Viva Lighting — Symmetry Series (Or Equal) Model: Cm1970-W-13.5-Wh-Total-Frame-Finish (Or Equal) L7 – 18.5' Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-5Rmsl-50D-40D-35K-Unv-Dim-Flange-Type-18.5'-Length (Or Equal) L6 – 7' Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-2Rbp- 75DD-35K-35K-Unv-Dim-Flange-Type-7'-Length (Or Equal) A1 – 2'x2' Grid Lay-In Led Recessed Troffer Fixture Manufacturer: Metalux (Or Equal) Model: 22Cz2R34Hx-S-U-N-Gl-835-Hsd1 (Or Equal) A2 – 2'x4' Grid Lay-In Led Recessed Troffer Manufacturer: Metalux (Or Equal) Model: 24Cz4R34Hx-S-U-N-Gl-835-Hsd1 (Or Equal) P3 – High-Output, 60° Optic 3.3" Diameter Downlight Manufacturer: G Lighting / Fusion (Or Equal) Model: My-Pd313R-H1E8-20-835-45K-40D-Unv-Hc-40ln-Hwhzss-Finish-Resin (Or Equal) P4 – Suspended Round Led High-Bay Downlight (Wide Distribution) Manufacturer: Philips / Day-Brite (Or Equal) Model: Phc-25000Lm-Wpsrfd-LDT-35K-80Pc-Mounting-Finish-Hanger (Or Equal) L10 – Restroom Recessed Fixture Type-Description: 17" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dco-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent) L9 – Restroom Recessed Fixture Type-Description: 9' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-4Rb-D50D-380-35K-Unv-Dim-Ceiling (Or Equivalent) L9 – Restroom Recessed Fixture Type-Description: 11" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dco-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent) X1 – Corridor/Cafeteria Recessed Linear Fixture Type-Description: 12' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-5Rmsl-50D-380-35K-60D-Unv-Dim-Ang-Eng-Bk-Hsb-S (Or Equivalent) W – Exterior Wall Pack Fixture Type-Description: Wall Pack Led Fixture With Type Iv Wide Distribution Manufacturer: Lithonia / Gardco / Edison Model: Gwc Galleon Wall X1 – General Exit Sign Type-Description: Wall Mounted Exit Sign Manufacturer: Lithonia Model: Aedg-1-R-Rmr-Wm L12 – Corridor Recessed Linear Fixture Type-Description: 8' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-4Rb-D50D-380-35K-Unv-Dim-Ceiling (Or Equivalent) L8 – Restroom Recessed Fixture Type-Description: 14" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dco-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent)	182		(182)	EA	1.250	(227.50)	$ 103.2)	$ 23,478.0)	$ 150.0)	$ 27,300.0)	$ 50,778		$ 364.15)	$ 66,275
1139			DIV-26	Electrician		289		(289)	EA	1.150	(332.35)	$ 103.2)	$ 34,298.5)	$ 140.0)	$ 40,460.0)	$ 74,759		$ 337.69)	$ 97,592
1140			DIV-26	Electrician		90		(90)	EA	3.650	(328.50)	$ 103.2)	$ 33,901.2)	$ 720.0)	$ 64,800.0)	$ 98,701		$ 1,440.22)	$ 129,619
1141			DIV-26	Electrician		27		(27)	EA	4.120	(111.24)	$ 103.2)	$ 11,480.0)	$ 1,150.0)	$ 31,050.0)	$ 42,530		$ 2,076.46)	$ 56,065
1142			DIV-26	Electrician		5		(5)	EA	4.300	(21.50)	$ 103.2)	$ 2,218.8)	$ 1,350.0)	$ 6,750.0)	$ 8,969		$ 2,367.34)	$ 11,837
1143			DIV-26	Electrician		45		(45)	EA	4.000	(180.00)	$ 103.2)	$ 18,576.0)	$ 980.0)	$ 44,100.0)	$ 62,676		$ 1,833.54)	$ 82,509
1144			DIV-26	Electrician		26		(26)	EA	2.120	(55.12)	$ 103.2)	$ 5,688.4)	$ 290.0)	$ 7,540.0)	$ 13,228		$ 665.18)	$ 17,293
1145			DIV-26	Electrician		2		(2)	EA	4.560	(9.12)	$ 103.2)	$ 941.2)	$ 1,900.0)	$ 3,800.0)	$ 4,741		$ 3,136.47)	$ 6,273
1146			DIV-26	Electrician		20		(20)	EA	3.650	(73.00)	$ 103.2)	$ 7,533.6)	$ 780.0)	$ 15,600.0)	$ 23,134		$ 1,520.41)	$ 30,408
1147			DIV-26	Electrician		139		(139)	EA	1.560	(216.84)	$ 103.2)	$ 22,377.9)	$ 195.0)	$ 27,105.0)	$ 49,483		$ 464.88)	$ 64,619
1148			DIV-26	Electrician		20		(20)	EA	2.000	(40.00)	$ 103.2)	$ 4,128.0)	$ 230.0)	$ 4,600.0)	$ 8,728		$ 569.27)	$ 11,385
1149			DIV-26	Electrician		73		(73)	EA	3.400	(248.20)	$ 103.2)	$ 25,614.2)	$ 450.0)	$ 32,850.0)	$ 58,464		$ 1,046.62)	$ 76,403
1150			DIV-26	Electrician		19		(19)	EA	3.540	(67.26)	$ 103.2)	$ 6,941.2)	$ 650.0)	$ 12,350.0)	$ 19,291		$ 1,332.26)	$ 25,313
1151			DIV-26	Electrician		4		(4)	EA	3.500	(14.00)	$ 103.2)	$ 1,444.8)	$ 550.0)	$ 2,200.0)	$ 3,645		$ 1,193.36)	$ 4,773
1152			DIV-26	Electrician		1		(1)	EA	4.100	(4.10)	$ 103.2)	$ 423.1)	$ 1,100.0)	$ 1,100.0)	$ 1,523		$ 2,007.02)	$ 2,007
1153			DIV-26	Electrician		2		(2)	EA	3.450	(6.90)	$ 103.2)	$ 712.1)	$ 550.0)	$ 1,100.0)	$ 1,812		$ 1,186.82)	$ 2,374
1154			DIV-26	Electrician		24		(24)	EA	4.230	(101.52)	$ 103.2)	$ 10,476.9)	$ 1,400.0)	$ 33,600.0)	$ 44,077		$ 2,425.00)	$ 58,200
1155			DIV-26	Electrician		34		(34)	EA	1.000	(34.00)	$ 103.2)	$ 3,508.8)	$ 115.0)	$ 3,910.0)	$ 7,419		$ 284.64)	$ 9,678
1156			DIV-26	Electrician		96		(96)	EA	0.750	(72.00)	$ 103.2)	$ 7,430.4)	$ 95.0)	$ 9,120.0)	$ 16,550		$ 225.17)	$ 21,616
1157			DIV-26	Electrician		4		(4)	EA	4.230	(16.92)	$ 103.2)	$ 1,746.1)	$ 1,550.0)	$ 6,200.0)	$ 7,946		$ 2,625.48)	$ 10,502
1158			DIV-26	Electrician		2		(2)	EA	3.450	(6.90)	$ 103.2)	$ 712.1)	$ 580.0)	$ 1,160.0)	$ 1,872		$ 1,226.91)	$ 2,454
					Site Lighting Fixture														
1159			DIV-26	Electrician	P1 – Site Pole-Mounted Fixture Type-Description: Pole-Mounted Led Type V Wide Throw Fixture Manufacturer: Mcgraw Edison Model: Galion Ii (E.G., #Galn-54A-740-T4W-Finish-Dim) P2 – Site Pole-Mounted Fixture Type-Description: Pole-Mounted Led Type V Forward Throw Fixture Manufacturer: Mcgraw Edison Model: Galion Ii (E.G., #Galn-54A-740-T4F-Finish-Dim) P3 – Site Pole-Mounted Fixture Type-Description: Pole-Mounted Led Type V Wide Throw Fixture With House-Side Shielding Manufacturer: Mcgraw Edison Model: Galion Ii (E.G., #Galn-54A-740-T4W-Finish-Dim-Hss)	25		(25)	EA	4.000	(100.00)	$ 103.2)	$ 10,320.0)	$ 1,050.0)	$ 26,250.0)	$ 36,570		$ 1,927.10)	$ 48,177
1160			DIV-26	Electrician		7		(7)	EA	4.120	(28.84)	$ 103.2)	$ 2,976.3)	$ 1,150.0)	$ 8,050.0)	$ 11,026		$ 2,076.46)	$ 14,535
1161			DIV-26	Electrician		11		(11)	EA	4.230	(46.53)	$ 103.2)	$ 4,801.9)	$ 1,250.0)	$ 13,750.0)	$ 18,552		$ 2,224.52)	$ 24,470
					Lighting Switch														
1162			DIV-26	Electrician	3 Way Low Voltage Switch	4		(4)	EA	0.300	(1.20)	$ 103.2)	$ 123.8)	$ 32.5)	$ 130.0)	$ 254		$ 82.72)	$ 331
1163			DIV-26	Electrician	2 Way Dimmer Switch	74		(74)	EA	0.350	(25.90)	$ 103.2)	$ 2,672.9)	$ 42.5)	$ 3,145.0)	$ 5,818		$ 102.93)	$ 7,595
1164			DIV-26	Electrician	Dimmer Switch	32		(32)	EA	0.320	(10.24)	$ 103.2)	$ 1,056.8)	$ 37.5)	$ 1,200.0)	$ 2,257		$ 92.00)	$ 2,945
1165			DIV-26	Electrician	Vacancy Sensor Switch	37		(37)	EA	0.400	(14.80)	$ 103.2)	$ 1,527.4)	$ 57.5)	$ 2,127.5)	$ 3,655		$ 129.22)	$ 4,781
1166			DIV-26	Electrician	Occupancy /Vacancy Sensor Switch	43		(43)	EA	0.650	(27.95)	$ 103.2)	$ 2,884.4)	$ 77.5)	$ 3,332.5)	$ 6,217		$ 183.69)	$ 8,114
1167			DIV-26	Electrician	Low Voltage Switch	3		(3)	EA	0.252	(0.76)	$ 103.2)	$ 78.0)	$ 27.5)	$ 82.5)	$ 161		$ 69.75)	$ 209
1168			DIV-26	Electrician	4 Way Dimmer Switch	4		(4)	EA	0.450	(1.80)	$ 103.2)	$ 185.8)	$ 62.5)	$ 250.0)	$ 436		$ 142.45)	$ 570
1169			DIV-26	Electrician	One Way Switch	29		(29)	EA	0.212	(6.15)	$ 103.2)	$ 634.5)	$ 11.0)	$ 319.0)	$ 953		$ 42.46)	$ 1,231
1170			DIV-26	Electrician	Disconnect Switch	119		(119)	EA	0.850	(101.15)	$ 103.2)	$ 10,438.7)	$ 110.0)	$ 13,090.0)	$ 23,529		$ 258.31)	$ 30,739
1171			DIV-26	Electrician	Dosa-1 250A Integral Disconnect Switch	1		(1)	EA	3.650	(3.65)	$ 103.2)	$ 376.7)	$ 725.0)	$ 725.0)	$ 1,102		$ 1,446.90)	$ 1,447
1172			DIV-26	Electrician	Tamper Switch	3		(3)	EA	0.750	(2.25)	$ 103.2)	$ 232.2)	$ 90.0)	$ 270.0)	$ 502		$ 218.49)	$ 655
1173			DIV-26	Electrician	Flow Switch	3		(3)	EA	1.120	(3.36)	$ 103.2)	$ 346.8)	$ 122.5)	$ 367.5)	$ 714		$ 310.37)	$ 931
					Power Fixture														
1174			DIV-26	Electrician	Controlled Duplex Receptacle	354		(354)	EA	0.270	(95.49)	$ 103.2)	$ 9,854.7)	$ 32.5)	$ 11,505.0)	$ 21,360		$ 78.76)	$ 27,880
1175			DIV-26	Electrician	Quad Receptacle	101		(101)	EA	0.353	(35.63)	$ 103.2)	$ 3,676.8)	$ 42.5)	$ 4,292.5)	$ 7,969		$ 102.99)	$ 10,405
1176			DIV-26	Electrician	Duplex Receptacle	459		(459)	EA	0.116	(53.34)	$ 103.2)	$ 5,504.3)	$ 14.0)	$ 6,426.0)	$ 11,930		$ 33.93)	$ 15,573
1177			DIV-26	Electrician	Wp Duplex Receptacle	8		(8)	EA	0.311	(2.49)	$ 103.2)	$ 257.0)	$ 37.5)	$ 300.0)	$ 557		$ 90.67)	$ 725
1178			DIV-26	Electrician	Gfci Duplex Receptacle	2		(2)	EA	0.394	(0.79)	$ 103.2)	$ 81.4)	$ 47.5)	$ 95.0)	$ 176		$ 115.11)	$ 230
1179			DIV-26	Electrician	Junction Box	45		(45)	EA	0.075	(3.36)	$ 103.2)	$ 346.9)	$ 9.0)	$ 405.0)	$ 752		$ 21.81)	$ 981
1180			DIV-26	Electrician	Floor Box	33		(33)	EA	1.183	(39.03)	$ 103.2)	$ 4,028.0)	$ 142.5)	$ 4,702.5)	$ 8,730		$ 345.32)	$ 11,395
1181			DIV-26	Electrician	Ceiling Mounted Duplex Receptacle	15		(15)	EA	0.187	(2.80)	$ 103.2)	$ 289.3)	$ 22.5)	$ 337.5)	$ 627		$ 54.52)	$ 818
1182			DIV-26	Electrician	Tr Duplex Receptacle	8		(8)	EA	0.133	(1.06)	$ 103.2)	$ 109.6)	$ 16.0)	$ 128.0)	$ 238		$ 38.77)	$ 310
					Panel														
1183			DIV-26	Electrician	100A 480Y/277V, 4W, 3P Panel	8		(8)	EA	4.000	(32.00)	$ 103.2)	$ 3,302.4)	$ 928.1)	$ 7,425.0)	$ 10,727		$ 1,764.21)	$ 14,114
1184			DIV-26	Electrician	100A 480Y/277V, 4W, 3P Panel	3		(3)	EA	4.000	(12.00)	$ 103.2)	$ 1,238.4)	$ 928.1)	$ 2,784.4)	$ 4,023		$ 1,764.21)	$ 5,293
1185			DIV-26	Electrician	100A 208Y/120V, 4W, 3P Panel	6		(6)	EA	3.850	(23.10)	$ 103.2)	$ 2,383.9)	$ 815.6)	$ 4,893.8)	$ 7,278		$ 1,594.21)	$ 9,565
1186			DIV-26	Electrician	225A 208Y/120V, 4W, 3P Panel	9		(9)	EA	4.230	(38.07)	$ 103.2)	$ 3,928.8)	$ 1,321.9)	$ 11,896.9)	$ 15,826		$ 2,325.56)	$ 20,925
1187			DIV-26	Electrician	600A 208Y/120V, 4W, 3P Panel	1		(1)	EA	6.000	(6.00)	$ 103.2)	$ 619.2)	$ 3,262.5)	$ 3,262.5)	$ 3,882		$ 5,146.04)	$ 5,146
1188			DIV-26	Electrician	400A 208Y/120V, 4W, 3P Panel	1		(1)	EA	5.850	(5.85)	$ 103.2)	$ 603.7)	$ 2,390.6)	$ 2,390.6)	$ 2,994		$ 4,961.12)	$ 4,961
1189			DIV-26	Electrician	800A 408Y/277V, 4W, 3P Panel	1		(1)	EA	8.000	(8.00)	$ 103.2)	$ 825.6)	$ 5,175.0)	$ 5,175.0)	$ 6,001		$ 7,964.01)	$ 7,964
1190			DIV-26	Electrician	225A 408Y/277V, 4W, 3P Panel	1		(1)	EA	4.230	(4.23)	$ 103.2)	$ 436.5)	$ 1,490.6)	$ 1,490.6)	$ 1,927		$ 2,546.12)	$ 2,546
1191			DIV-26	Electrician	400A 408Y/277V, 4W, 3P Panel	3		(3)	EA	6.000	(18.00)	$ 103.2)	$ 1,857.6)	$ 2,756.3)	$ 8,268.8)	$ 10,126		$ 4,403.41)	$ 13,205
1192			DIV-26	Electrician	600A 408Y/277V, 4W, 3P Panel	1		(1)	EA	8.000	(8.00)	$ 103.2)	$ 825.6)	$ 4,078.1)	$ 4,078.1)	$ 4,904		$ 6,498.61)	$ 6,499
1193			DIV-26	Electrician	600A 208Y/120V, 4W, 3P Panel	1		(1)	EA	6.000	(6.00)	$ 103.2)	$ 619.2)	$ 3,318.8)	$ 3,318.8)	$ 3,938		$ 5,221.22)	$ 5,221
					Circuit Breaker														
1194			DIV-26	Electrician	60A/1P Circuit Breaker	1		(1)	EA	0.422	(0.42)	$ 103.2)	$ 43.5)	$ 50.8)	$ 50.8)	$ 94		$ 122.12)	$ 122
1195			DIV-26	Electrician	30A/3P Circuit Breaker	4		(4)	EA	0.331	(1.32)	$ 103.2)	$ 136.4)	$ 39.8)	$ 159.3)	$ 296		$ 96.50)	$ 386
1196			DIV-26	Electrician	20A/1P Circuit Breaker	5		(5)	EA	0.308	(1.54)	$ 103.2)	$ 158.8)	$ 37.1)	$ 185.4)	$ 344		$ 89.94)	$ 449
1197			DIV-26	Electrician	100A/3P Circuit Breaker	24		(24)	EA	0.672	(16.14)	$ 103.2)	$ 1,665.4)	$ 81.0)	$ 1,944.3)	$ 3,610		$ 196.32)	$ 4,712
1198			DIV-26	Electrician	50A/3P Circuit Breaker	2		(2)	EA	0.399	(0.80)	$ 103.2)	$ 82.3)	$ 48.1)	$ 96.1)	$ 178		$ 116.46)	$ 233
1199			DIV-26	Electrician	250A/3P Circuit Breaker	2		(2)	EA	1.937	(3.87)	$ 103.2)	$ 399.9)	$ 233.4)	$ 466.8)	$ 867		$ 565.24)	$ 1,131
1200			DIV-26	Electrician	300A/3P Circuit Breaker	1		(1)	EA	2.393	(2.39)	$ 103.2)	$ 247.0)	$ 288.4)	$ 288.4)	$ 535		$ 698.77)	$ 699
1201			DIV-26	Electrician	225A/3P Circuit Breaker	9		(9)	EA	1.641	(14.77)	$ 103.2)	$ 1,524.3)	$ 197.7)	$ 1,779.4)	$ 3,304		$ 479.16)	$ 4,312
1202			DIV-26	Electrician	450A/3P Circuit Breaker	1		(1)	EA	3.400	(3.40)	$ 103.2)	$ 350.9)	$ 508.1)	$ 508.1)	$ 859		$ 1,124.21)	$ 1,124
1203			DIV-26	Electrician	400A/3P Circuit Breaker	2		(2)	EA	3.350	(6.70)	$ 103.2)	$ 691.4)	$ 439.4)	$ 878.8)	$ 1,570		$ 1,025.90)	$ 2,052
1204			DIV-26	Electrician	800A/3P Circuit Breaker	1		(1)	EA	4.000	(4.00)	$ 103.2)	$ 412.8)	$ 1,084.8)	$ 1,084.8)	$ 1,498		$ 1,973.57)	$ 1,974
1205			DIV-26	Electrician	600A/3P Circuit Breaker	1		(1)	EA	3.650	(3.65)	$ 103.2)	$ 376.7)	$ 782.7)	$ 782.7)	$ 1,159		$ 1,523.99)	$ 1,524
					Feeder Items														
1206			DIV-26	Electrician	Ground Rod	24		(24)	EA	1.000	(24.00)	$ 103.2)	$ 2,476.8)	$ 85.0)	$ 2,040.0)	$ 4,517		$ 264.54)	$ 5,809
1207			DIV-26	Electrician	150Kva Transformer	2		(2)	EA	16.000	(32.00)	$ 103.2)	$ 3,302.4)	$ 11,800.0)	$ 23,600.0)	$ 26,902		$ 17,864.05)	$ 35,728
1208			DIV-26	Electrician	112.5Kva Transformer	2		(2)	EA	14.000	(28.00)	$ 103.2)	$ 2,889.6)	$ 9,200.0)	$ 18,400.0)	$ 21,290		$ 14,129.18)	$ 28,258
1209			DIV-26	Electrician	Utility Meter	4		(4)	EA	4.000	(16.00)	$ 103.2)	$ 1,651.2)	$ 1,250.0)	$ 5,000.0)	$ 6,651		$ 2,196.46)	$ 8,779
1210			DIV-26	Electrician	15Kva Transformer	3		(3)	EA	6.000	(18.00)	$ 103.2)	$ 1,857.6)	$ 1,650.0)	$ 4,950.0)	$ 6,808		$ 2,386.82)	$ 8,073
1211			DIV-26	Electrician	30Kva Transformer	3		(3)	EA	8.000	(24.00)	$ 103.2)	$ 2,476.8)	$ 2,950.0)	$ 8,850.0)	$ 11,327		$ 4,390.31)	$ 14,071
1212			DIV-26	Electrician	600Kw, 480V- 3 Phase, Diesel Generator W/ Level 2 Sound Attenuated Wp Enclosure	1		(1)	EA	120.000	(120.00)	$ 103.2)	$ 12,384.0)	$ 215,000.0)	$ 215,000.0)	$ 227,384		$ 301,066.52)	$ 301,067
1213			DIV-26	Electrician	And Subbase Double Wall Fuel Tank Trystar Dual Purpose Docking Station	1		(1)	EA	10.000	(10.00)	$ 103.2)	$ 1,032.0)	$ 18,500.0)	$ 18,500.0)	$ 19,532		$ 26,035.19)	$ 26,035
					Feeder Cable														
1214			DIV-26	Electrician	(10) 3#600, 1#500 G, (10) 4" Conduit	600	5%	630	LF	2.800	(1,638.00)	$ 103.2)	$ 169,041.6)	$ 425.0)	$ 267,750.0)	$ 436,792		$ 578.40)	$ 572,309
1215			DIV-26	Electrician	(8) 3#600, 1#400 G, (8) 4" Conduit	100	5%	105	LF	2.300	(241.50)	$ 103.2)	$ 24,922.8)	$ 360.0)	$ 37,800.0)	$ 62,723		$ 782.90)	$ 82,149
1216			DIV-26	Electrician	(6) 3#600, 1#350 G, (6) 4" Conduit	150	5%	158	LF	2.000	(315.00)	$ 103.2)	$ 32,508.0)	$ 295.0)	$ 46,462.5)	$ 78,971		$ 656.16)	$ 103,943
1217			DIV-26	Electrician	(5) 3#600, 1#250 G, (5) 4" Conduit	50	5%	53	LF	1.850	(97.13)	$ 103.2)	$ 10,023.3)	$ 255.0)	$ 13,515.0)	$ 23,411		$ 583.05)	$ 30,843
1218			DIV-26	Electrician	(4) 3#600, 1#4/0 G, (4) 4" Conduit	100	5%	105	LF	1.700	(178.50)	$ 103.2)	$ 18,421.2)	$ 215.0)	$ 22,575.0)	$ 40,996		$ 509.94)	$ 53,544
1219			DIV-26	Electrician	(3) 3#600, 1#3/0 G, (3) 4" Conduit	50	5%	53	LF	1.550	(81.38)	$ 103.2)	$ 8,397.9)	$ 185.0)	$ 9,712.5)	$ 18,110		$ 452.21)	$ 23,686
1220			DIV-26	Electrician	(3) 3#500, 1#2/0 G, (3) 3-1/2" Conduit	200	5%	210	LF	1.450	(304.50)	$ 103.2)	$ 31,424.4)	$ 165.0)	$ 34,650.0)	$ 66,074		$ 610.38)	$ 86,181
1221			DIV-26	Electrician	(2) 3#600, 1#1/0 G, (2) 4" Conduit	400	5%	420	LF	1.350	(567.00)	$ 103.2)	$ 58,514.4)	$ 145.0)	$ 60,900.0)	$ 119,414		$ 775.54)	$ 155,635
1222			DIV-26	Electrician	3#1, 1#8 G, 1-1/2" Conduit	200	5%	210	LF	0.550	(115.50)	$ 103.2)	$ 11,919.6)	$ 18.0)	$ 3,780.0)	$ 15,700		$ 96.07)	$ 20,171
1223			DIV-26	Electrician	3#2, 1#8 G, 1-1/4" Conduit	500	5%	525	LF	0.500	(262.50)	$ 103.2)	$ 27,090.0)	$ 15.0)	$ 7,875.0)	$ 34,965		$ 85.52)	$ 44,896
1224			DIV-26	Electrician	3#3, 1#8 G, 1-1/4" Conduit	200	5%	210	LF	0.480	(100.80)	$ 103.2)	$ 10,402.6)	$ 13.5)	$ 2,835.0)	$ 13,238		$ 83.89)	$ 16,987
1225			DIV-26	Electrician	3#6, 1#10 G, 1" Conduit	300	5%	315	LF	0.420	(132.30)	$ 103.2)	$ 13,653.4)	$ 9.5)	$ 2,992.5)	$ 16,646		$ 67.69)	$ 21,322
1226			DIV-26	Electrician	3#8, 1#10 G, 3/4" Conduit	100	5%	105	LF	0.380	(39.90)	$ 103.2)	$ 4,117.7)	$ 7.5)	$ 787.5)	$ 4,905		$ 59.78)	$ 7,177
1227			DIV-26	Electrician	3#10, 1#10 G, 3/4" Conduit	50	5%	53	LF	0.350	(18.38)	$ 103.2)	$ 1,896.3)	$ 6.5)	$ 341.3)	$ 2,238		$ 54.51)	$ 2,867
1228			DIV-26	Electrician	(2) 3#350, 1#1 G, 2-1/2" Conduit	50	5%	53	LF	1.250	(65.63)	$ 103.2)	$ 6,772.5)	$ 125.0)	$ 6,562.5)	$ 13,335		$ 330.74)	$ 17,904
1229			DIV-26	Electrician	(2) 3#250, 1#2 G, (2) 3" Conduit	200	5%	210	LF	1.100	(231.00)	$ 103.2)	$ 23,839.2)	$ 95.0)	$ 19,950.0)	$ 43,789		$ 271.00)	$ 56,910
1230			DIV-26	Electrician	(8) 3#600, 1#350 G, (6) 4" Conduit	600	5%	630	LF	2.100	(1,323.00)	$ 103.2)	$ 136,533.6)	$ 305.0)	$ 192,150.0)	$ 328,684		$ 682.60)	$ 430,045
1231			DIV-26	Electrician	3#250, 1#4 G, 2-1/2" Conduit	400	5%	420	LF	0.950	(399.00)	$ 103.2)	$ 41,176.8)	$ 55.0)	$ 23,100.0)	$ 64,277		$ 197.00)	$ 82,137
1232			DIV-26	Electrician	3#4/0, 1#4 G, 2" Conduit	200	5%	210	LF	0.850	(178.50)	$ 103.2)	$ 18,421.2)	$ 48.0)	$ 10,080.0)	$ 28,501		$ 175.45)	$ 36,844
1233			DIV-26	Electrician	3#1/0, 1#6 G, 2" Conduit	500	5%	525	LF	0.800	(420.00)	$ 103.2)	$ 43,344.0)	$ 42.0)	$ 22,050.0)	$ 65,394		$ 160.88)	$ 84,423
1234			DIV-26	Electrician	3#2/0, 1#6 G, 2" Conduit	100	5%	105	LF	0.750	(78.75)	$ 103.2)	$ 8,127.0)	$ 36.0)	$ 3,780.0)	$ 11,907		$ 146.32)	$ 15,363
1235			DIV-26	Electrician	3#1/0, 1#6 G, 1-1/2" Conduit	200	5%	210	LF	0.700	(147.00)	$ 103.2)	$ 15,170.4)	$ 30.0)	$ 6,300.0)	$ 21,470		$ 133.73)	$ 27,988
					Transformer Cable														
1236			DIV-26	Electrician	4#600 (4 Sets), 1#1/0 G, 4" Conduit	100	5%	105	LF	3.000	(315.00)	$ 103.2)	$ 32,508.0)	$ 495.0)	$ 51,975.0)	$ 84,483		$ 1,054.39)	$ 110,711
1237			DIV-26	Electrician	4-400

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
1256						(1,425)		(1,425)	EA										
1257					3/4" Coupling Sc 50 - Emt(	1,781)		(1,781)	EA										
1258					3/4" 1-H Strap - Emt - Steel(	2,649)		(2,649)	EA										
1259					#8 To #10 X 7/8 Plas Anchor (3/16)(	3,539)		(3,539)	EA										
1260					#10 X 1 P/H Self-Tap Screw(	3,539)		(3,539)	EA										
			DIV-27		Communication												$ 21,063		
					Communication Outlets														
1261			DIV-27	Communication	Data Outlet	107		(107)	EA	0.180	(19.26)	($ 103.2)	($ 1,987.6)	($ 12.0)	($ 1,284.0)	($ 3,272)		($ 39.61)	($ 4,238)
					Communication Wiring														
1262			DIV-27	Communication	Cat5 Cable	(1,712)	5%	1,798	LF	0.015	(26.96)	($ 103.2)	($ 2,782.7)	($ 0.3)	($ 449.4)	($ 3,232)		($ 2.30)	($ 4,131)
1263			DIV-27	Communication	3/4" Emt Conduit For Communication	(1,712)	5%	1,798	LF	0.062	(111.45)	($ 103.2)	($ 11,501.8)	($ 1.7)	($ 3,055.9)	($ 14,558)		($ 10.39)	($ 18,677)
1264						(137)		(137)	EA										
1265					3/4" Coupling Sc 50 - Emt(	172)		(172)	EA										
1266					3/4" 1-H Strap - Emt - Steel(	258)		(258)	EA										
1267					#8 To #10 X 7/8 Plas Anchor (3/16)(	342)		(342)	EA										
1268					#10 X 1 P/H Self-Tap Screw(	342)		(342)	EA										
			DIV-28		Electronic Safety & Security												$ 408,753		
					Security Outlets														
1269			DIV-28	Electronic Safety and Security (FA)	Camera	7		(7)	EA	3.320	(23.24)	($ 103.2)	($ 2,398.4)	($ 380.0)	($ 2,660.0)	($ 5,058)		($ 942.59)	($ 6,598)
					Sensor														
1270			DIV-28	Electronic Safety and Security (FA)	Occupancy Sensor	385		(385)	EA	0.706	(271.62)	($ 103.2)	($ 28,030.9)	($ 85.0)	($ 32,725.0)	($ 60,756)		($ 205.38)	($ 79,305)
1271			DIV-28	Electronic Safety and Security (FA)	Day Light Sensor	57		(57)	EA	0.789	(44.94)	($ 103.2)	($ 4,638.3)	($ 95.0)	($ 5,415.0)	($ 10,053)		($ 230.21)	($ 13,122)
1272			DIV-28	Electronic Safety and Security (FA)	Vacancy Sensor	9		(9)	EA	0.747	(6.72)	($ 103.2)	($ 693.8)	($ 90.0)	($ 810.0)	($ 1,504)		($ 218.19)	($ 1,963)
					Sensor														
1273			DIV-28	Electronic Safety and Security (FA)	Smoke Detector	134		(134)	EA	1.038	(139.03)	($ 103.2)	($ 14,347.4)	($ 125.0)	($ 16,750.0)	($ 31,097)		($ 302.91)	($ 40,590)
1274			DIV-28	Electronic Safety and Security (FA)	Smoke Damper Connection	9		(9)	EA	0.913	(8.22)	($ 103.2)	($ 848.0)	($ 110.0)	($ 990.0)	($ 1,838)		($ 266.50)	($ 2,399)
1275			DIV-28	Electronic Safety and Security (FA)	Fire Smoke Damper	3		(3)	EA	4.120	(12.36)	($ 103.2)	($ 1,275.6)	($ 1,250.0)	($ 3,750.0)	($ 5,026)		($ 2,210.12)	($ 6,630)
1276			DIV-28	Electronic Safety and Security (FA)	Remote Test Station	6		(6)	EA	0.789	(4.73)	($ 103.2)	($ 488.2)	($ 95.0)	($ 570.0)	($ 1,058)		($ 230.21)	($ 1,381)
1277			DIV-28	Electronic Safety and Security (FA)	Addressable Relay Module	9		(9)	EA	1.370	(12.33)	($ 103.2)	($ 1,272.0)	($ 165.0)	($ 1,485.0)	($ 2,757)		($ 399.84)	($ 3,599)
1278			DIV-28	Electronic Safety and Security (FA)	Duct Smoke Detector	6		(6)	EA	3.196	(19.17)	($ 103.2)	($ 1,978.7)	($ 385.0)	($ 2,310.0)	($ 4,289)		($ 932.07)	($ 5,589)
1279			DIV-28	Electronic Safety and Security (FA)	24V Addressable Module	9		(9)	EA	1.204	(10.83)	($ 103.2)	($ 1,117.8)	($ 145.0)	($ 1,305.0)	($ 2,423)		($ 351.36)	($ 3,162)
1280			DIV-28	Electronic Safety and Security (FA)	Remote Alarm Indicating Station	54		(54)	EA	0.955	(51.54)	($ 103.2)	($ 5,319.2)	($ 115.0)	($ 6,210.0)	($ 11,529)		($ 278.68)	($ 15,043)
1281			DIV-28	Electronic Safety and Security (FA)	Pull Station	36		(36)	EA	1.204	(43.33)	($ 103.2)	($ 4,471.2)	($ 145.0)	($ 5,220.0)	($ 9,691)		($ 351.36)	($ 12,692)
1282			DIV-28	Electronic Safety and Security (FA)	Audio/Visual Notification Appliance	202		(202)	EA	1.370	(276.64)	($ 103.2)	($ 28,549.3)	($ 165.0)	($ 33,330.0)	($ 61,879)		($ 399.84)	($ 80,768)
1283			DIV-28	Electronic Safety and Security (FA)	Wp Audio/Visual Notification Appliance	1		(1)	EA	1.785	(1.78)	($ 103.2)	($ 184.2)	($ 215.0)	($ 215.0)	($ 399)		($ 521.01)	($ 521)
1284			DIV-28	Electronic Safety and Security (FA)	Visual Notification Appliance	3		(3)	EA	1.038	(3.11)	($ 103.2)	($ 321.2)	($ 175.0)	($ 525.0)	($ 846)		($ 302.91)	($ 909)
1285			DIV-28	Electronic Safety and Security (FA)	Audio Notification Appliance	3		(3)	EA	0.955	(2.86)	($ 103.2)	($ 295.5)	($ 115.0)	($ 345.0)	($ 641)		($ 278.68)	($ 836)
1286			DIV-28	Electronic Safety and Security (FA)	Control Module	2		(2)	EA	1.451	(2.91)	($ 103.2)	($ 299.8)	($ 175.0)	($ 350.0)	($ 650)		($ 423.58)	($ 848)
1287			DIV-28	Electronic Safety and Security (FA)	Monitor Module	2		(2)	EA	1.287	(2.57)	($ 103.2)	($ 265.5)	($ 155.0)	($ 310.0)	($ 576)		($ 375.61)	($ 751)
1288			DIV-28	Electronic Safety and Security (FA)	Fire Alarm Terminal Cabinet	4		(4)	EA	3.750	(15.00)	($ 103.2)	($ 1,548.0)	($ 850.0)	($ 3,400.0)	($ 4,948)		($ 1,227.00)	($ 5,508)
1289			DIV-28	Electronic Safety and Security (FA)	Heat Detector	4		(4)	EA	0.955	(3.82)	($ 103.2)	($ 394.0)	($ 115.0)	($ 460.0)	($ 854)		($ 278.68)	($ 1,115)
1290			DIV-28	Electronic Safety and Security (FA)	Fire Alarm Annunciator	8		(8)	EA	6.000	(48.00)	($ 103.2)	($ 4,953.6)	($ 2,950.0)	($ 23,600.0)	($ 28,554)		($ 9,728.39)	($ 77,827)
1291			DIV-28	Electronic Safety and Security (FA)	Fire Alarm Control Pannel	2		(2)	EA	6.000	(12.00)	($ 103.2)	($ 1,238.4)	($ 3,854.0)	($ 7,708.0)	($ 8,946)		($ 9,936.60)	($ 19,873)
1292			DIV-28	Electronic Safety and Security (FA)	Surge Protection Device	1		(1)	EA	3.196	(3.20)	($ 103.2)	($ 329.8)	($ 385.0)	($ 385.0)	($ 715)		($ 932.07)	($ 932)
1293			DIV-28	Electronic Safety and Security (FA)	Fire Alarm Phone Jack	2		(2)	EA	0.374	(0.75)	($ 103.2)	($ 77.3)	($ 45.0)	($ 90.0)	($ 167)		($ 109.05)	($ 218)
1294			DIV-28	Electronic Safety and Security (FA)	Bell Light	3		(3)	EA	1.287	(3.86)	($ 103.2)	($ 398.3)	($ 155.0)	($ 465.0)	($ 863)		($ 375.61)	($ 1,127)
1295			DIV-28	Electronic Safety and Security (FA)	Fire Alarm Knox Box Connection	2		(2)	EA	1.453	(2.91)	($ 103.2)	($ 299.8)	($ 175.0)	($ 350.0)	($ 650)		($ 424.03)	($ 848)
1296			DIV-28	Electronic Safety and Security (FA)	Battery Cabinet	1		(1)	EA	4.120	(4.12)	($ 103.2)	($ 425.2)	($ 1,150.0)	($ 1,150.0)	($ 1,575)		($ 2,076.46)	($ 2,076)
					Fire Alarm Wiring														
1297			DIV-28	Electronic Safety and Security (FA)	18/16 Awg Wire	(30,848)	5%	32,390	LF	0.015	(470.96)	($ 103.2)	($ 48,602.7)	($ 0.4)	($ 14,122.2)	($ 62,725)		($ 2.49)	($ 80,539)
1298			DIV-28	Electronic Safety and Security (FA)	14/16 Grd Wire	(15,424)	5%	16,195	LF	0.007	(117.74)	($ 103.2)	($ 12,150.7)	($ 0.2)	($ 3,130.6)	($ 15,681)		($ 1.24)	($ 20,130)
1299			DIV-28	Electronic Safety and Security (FA)	3/4" Emt Conduit For Fire Alarm	(15,424)	5%	16,195	LF	0.062	(1,004.10)	($ 103.2)	($ 103,623.4)	($ 1.7)	($ 27,531.8)	($ 131,155)		($ 10.39)	($ 168,269)
1300						(1,234)		(1,234)	EA										
1301					3/4" Coupling Sc 50 - Emt(	1,543)		(1,543)	EA										
1302					3/4" 1-H Strap - Emt - Steel(	2,294)		(2,294)	EA										
1303					#8 To #10 X 7/8 Plas Anchor (3/16)(	3,066)		(3,066)	EA										
1304					#10 X 1 P/H Self-Tap Screw(	3,066)		(3,066)	EA										
			DIV-31		Earthwork												$ 5,202,103		
					Excavation														
1305			DIV-31	Earth worker	Excavation For 12" Storm Pipe	(1,372)	5%	1,441	CY	0.385	(554.72)	($ 138.3)	($ 76,704.6)	($ -	)($ 76,705)		($ 67.54)	($ 97,319)
1306			DIV-31	Earth worker	Excavation For 15" Storm Pipe	(312)	5%	328	CY	0.385	(126.22)	($ 138.3)	($ 17,452.6)	($ -	)($ 17,453)		($ 67.54)	($ 22,140)
1307			DIV-31	Earth worker	Excavation For 18" Storm Pipe	(244)	5%	257	CY	0.385	(98.82)	($ 138.3)	($ 13,664.0)	($ -	)($ 13,664)		($ 67.54)	($ 17,336)
1308			DIV-31	Earth worker	Excavation For 24" Storm Pipe	(1,200)	5%	1,260	CY	0.385	(485.10)	($ 138.3)	($ 67,077.7)	($ -	)($ 67,078)		($ 67.54)	($ 85,105)
1309			DIV-31	Earth worker	Excavation For 8" Sanatory Pipe	(115)	5%	120	CY	0.385	(46.35)	($ 138.3)	($ 6,409.6)	($ -	)($ 6,410)		($ 67.54)	($ 8,132)
1310			DIV-31	Earth worker	Excavation For 6" Sanatory Pipe	(115)	5%	120	CY	0.385	(46.35)	($ 138.3)	($ 6,409.6)	($ -	)($ 6,410)		($ 67.54)	($ 8,132)
1311			DIV-31	Earth worker	Excavation For 4" Water Pipe	(60)	5%	63	CY	0.385	(24.34)	($ 138.3)	($ 3,366.3)	($ -	)($ 3,366)		($ 67.54)	($ 4,271)
1312			DIV-31	Earth worker	Excavation For Electric Line	(273)	5%	287	CY	0.385	(110.50)	($ 138.3)	($ 15,278.8)	($ -	)($ 15,279)		($ 67.54)	($ 19,385)
1313			DIV-31	Earth worker	Excavation For Precast Catch Basin	(3)	5%	3	CY	0.385	(1.20)	($ 138.3)	($ 165.4)	($ -	)($ 165)		($ 67.54)	($ 210)
1314			DIV-31	Earth worker	Excavation For Yard Drain	(2)	5%	2	CY	0.385	(0.96)	($ 138.3)	($ 132.5)	($ -	)($ 132)		($ 67.54)	($ 168)
1315			DIV-31	Earth worker	Excavation For Storm Manhole	(3)	5%	3	CY	0.385	(1.21)	($ 138.3)	($ 167.7)	($ -	)($ 168)		($ 67.54)	($ 213)
1316			DIV-31	Earth worker	Excavation For Sanatory Manhole	(8)	5%	8	CY	0.385	(3.23)	($ 138.3)	($ 447.2)	($ -	)($ 447)		($ 67.54)	($ 567)
1317			DIV-31	Earth worker	Excavation For Clean Out	(2)	5%	2	CY	0.385	(0.96)	($ 138.3)	($ 132.5)	($ -	)($ 132)		($ 67.54)	($ 168)
1318			DIV-31	Earth worker	Excavation For 2000 Gallen Grease Trap	(68)	5%	71	CY	0.385	(27.31)	($ 138.3)	($ 3,776.2)	($ -	)($ 3,776)		($ 67.54)	($ 4,791)
					New Bedding (Stabilized Cement Sand)														
1319			DIV-31	Earth worker	Bedding For 12" Storm Pipe	(121)	5%	127	CY	0.600	(76.08)	($ 138.3)	($ 10,519.5)	($ 28.0)	($ 3,550.2)	($ 14,070)		($ 142.69)	($ 19,052)
1320			DIV-31	Earth worker	Bedding For 15" Storm Pipe	(27.48)	5%	29	CY	0.600	(17.31)	($ 138.3)	($ 2,393.5)	($ 28.0)	($ 807.8)	($ 3,201)		($ 142.69)	($ 4,336)
1321			DIV-31	Earth worker	Bedding For 18" Storm Pipe	(66.00)	5%	69	CY	0.600	(41.58)	($ 138.3)	($ 5,749.5)	($ 28.0)	($ 1,940.4)	($ 7,690)		($ 142.69)	($ 9,888)
1322			DIV-31	Earth worker	Bedding For 24" Storm Pipe	(82.50)	5%	87	CY	0.600	(51.98)	($ 138.3)	($ 7,186.9)	($ 28.0)	($ 2,425.5)	($ 9,612)		($ 142.69)	($ 12,360)
1323			DIV-31	Earth worker	Bedding For 6" Sanatory Pipe	(12.61)	5%	13	CY	0.600	(7.95)	($ 138.3)	($ 1,098.8)	($ 28.0)	($ 370.8)	($ 1,470)		($ 142.69)	($ 1,890)
1324			DIV-31	Earth worker	Bedding For 8" Sanatory Pipe	(12.61)	5%	13	CY	0.600	(7.95)	($ 138.3)	($ 1,098.8)	($ 28.0)	($ 370.8)	($ 1,470)		($ 142.69)	($ 1,890)
1325			DIV-31	Earth worker	Bedding For Catch Basin	(0.17)	5%	0	CY	0.600	(0.11)	($ 138.3)	($ 14.8)	($ 28.0)	($ 5.0)	($ 20)		($ 142.69)	($ 25)
1326			DIV-31	Earth worker	Bedding For Yard Drain	(0.20)	5%	0	CY	0.600	(0.12)	($ 138.3)	($ 17.0)	($ 28.0)	($ 5.7)	($ 23)		($ 142.69)	($ 29)
1327			DIV-31	Earth worker	Bedding For Cleanout	(0.20)	5%	0	CY	0.600	(0.12)	($ 138.3)	($ 17.0)	($ 28.0)	($ 5.7)	($ 23)		($ 142.69)	($ 29)
1328			DIV-31	Earth worker	Bedding For Manhole	(1.00)	5%	1	CY	0.600	(0.63)	($ 138.3)	($ 87.1)	($ 28.0)	($ 29.4)	($ 117)		($ 142.69)	($ 150)
1329			DIV-31	Earth worker	Bedding For 2000 Gallen Grease Trap	(6)	5%	6	CY	0.600	(3.53)	($ 138.3)	($ 487.6)	($ 28.0)	($ 164.6)	($ 652)		($ 142.69)	($ 836)
					New Backfill Material (New Approved Clay)														
1330			DIV-31	Earth worker	Backfill For 12" Storm Pipe	(1,251)	5%	1,314	CY	0.600	(788.42)	($ 138.3)	($ 109,020.1)	($ 28.0)	($ 36,793.1)	($ 145,813)		($ 142.69)	($ 187,494)
1331			DIV-31	Earth worker	Backfill For 15" Storm Pipe	(285)	5%	299	CY	0.600	(179.39)	($ 138.3)	($ 24,805.4)	($ 28.0)	($ 8,371.8)	($ 33,177)		($ 142.69)	($ 42,681)
1332			DIV-31	Earth worker	Backfill For 18" Storm Pipe	(178)	5%	187	CY	0.600	(112.42)	($ 138.3)	($ 15,545.6)	($ 28.0)	($ 5,246.3)	($ 20,792)		($ 142.69)	($ 26,734)
1333			DIV-31	Earth worker	Backfill For 24" Storm Pipe	(1,118)	5%	1,173	CY	0.600	(704.03)	($ 138.3)	($ 97,349.8)	($ 28.0)	($ 32,854.5)	($ 130,204)		($ 142.69)	($ 167,424)
1334			DIV-31	Earth worker	Backfill For 6" Sanatory Pipe	(102)	5%	107	CY	0.600	(64.29)	($ 138.3)	($ 8,890.3)	($ 28.0)	($ 3,000.4)	($ 11,891)		($ 142.69)	($ 15,290)
1335			DIV-31	Earth worker	Backfill For 8" Sanatory Pipe	(102)	5%	107	CY	0.600	(64.29)	($ 138.3)	($ 8,890.3)	($ 28.0)	($ 3,000.4)	($ 11,891)		($ 142.69)	($ 15,290)
1336			DIV-31	Earth worker	Backfill For Catch Basin	(0.11)	5%	0	CY	0.600	(0.07)	($ 138.3)	($ 9.7)	($ 28.0)	($ 3.3)	($ 13)		($ 142.69)	($ 17)
1337			DIV-31	Earth worker	Backfill For Yard Drain	(0.00)	5%	0	CY	0.600	(0.05)	($ 138.3)	($ 7.5)	($ 28.0)	($ 2.5)	($ 10)		($ 142.69)	($ 13)
1338			DIV-31	Earth worker	Backfill For Cleanout	(0.20)	5%	0	CY	0.600	(0.12)	($ 138.3)	($ 17.0)	($ 28.0)	($ 5.7)	($ 23)		($ 142.69)	($ 29)
1339			DIV-31	Earth worker	Backfill For Manhole	(3)	5%	3	CY	0.600	(1.99)	($ 138.3)	($ 275.3)	($ 28.0)	($ 92.9)	($ 368)		($ 142.69)	($ 473)
1340			DIV-31	Earth worker	Backfill For 2000 Gallen Grease Trap	(6)	5%	6	CY	0.600	(3.53)	($ 138.3)	($ 487.6)	($ 28.0)	($ 164.6)	($ 652)		($ 142.69)	($ 836)
					Grading														
1341			DIV-31	Earth worker	Cut	(30,212)	5%	31,723	CY	0.422	(13,386.95)	($ 138.3)	($ 1,851,094.4)	($ -	)($ 1,851,094)		($ 74.03)	($ 2,348,570)
1342			DIV-31	Earth worker	Fill	(27,783)	5%	29,173	CY	0.285	(8,314.16)	($ 138.3)	($ 1,149,649.1)	($ -	)($ 1,149,649)		($ 50.00)	($ 1,458,617)
1343			DIV-31	Earth worker	Soil Export (Fluff Factor Applied)	(3,641)	5%	3,825	CY	0.185	(707.66)	($ 138.3)	($ 97,852.9)	($ -	)($ 97,853)		($ 32.41)	($ 124,111)
					Misc.														
1344		Geotech/Specs/dwgs	DIV-31	Dewatering	Dewatering (8157125 SF)	(1)		(1)	LS	1631.500	(1,631.50)	($ 178.4)	($ 291,103.3)	($ -	)($ 291,103)		($ 369,397.34)	($ 369,397)
1345		Geotech/Specs/dwgs	DIV-31	Earth worker	Soil Compaction For Fill Area Avg Fill Depth: 24" Lifts: 12"	(815,725)	5%	856,511	SF	0.006	(5,139.07)	($ 138.3)	($ 710,609.7)	($ -	)($ 710,610)		($ 1.85)	($ 901,580)
1346			DIV-31	Earth worker	Compaction For Top Soil (If Required)	(815,725)	5%	856,511	SF	0.003	(2,569.53)	($ 138.3)	($ 355,304.8)	($ -	)($ 355,305)		($ 0.93)	($ 450,793)
1347			DIV-31	Earth worker	Land Clearing And Grubbing (Covered Area/Softscape/Hardscape Area As Reqd.)	(815,725)	5%	856,511	SF	0.001	(1,027.81)	($ 138.3)	($ 142,121.9)	($ -	)($ 142,122)		($ 0.21)	($ 180,377)
			DIV-32		Exterior Improvements												$ 3,201,180		
					Curbs														
1348	CS100	CS501	DIV-32	Site Concrete	Curb (6" Wide X 18" Deep) Belgium Block Curb	(2,875)	5%	3,019	LF	0.109	(329.04)	($ 100.8)	($ 33,167.6)	($ 21.4)	($ 64,731.1)	($ 97,899)		($ 42.60)	($ 128,597)
1349	CS100	CS501	DIV-32	Site Concrete	**Compacted Processes Aggregate Subgrade Base**	178)	5%	187	CY	0.600	(112.03)	($ 100.8)	($ 11,292.5)	($ 38.0)	($ 7,095.2)	($ 18,388)		($ 127.52)	($ 23,810)
					Walkway														
1350	CS100	CS501	DIV-32	Site Concrete	**Concrete Walkway** 5" Thick, (3000 Psi)	(41,144)	5%	43,201	SF	0.034	(1,468.84)	($ 100.8)	($ 148,059.2)	($ 3.8)	($ 163,337.9)	($ 311,397)		($ 9.40)	($ 406,198)
1351	CS100	CS501	DIV-32	Site Concrete	6" Compacted Crushed Stone	(41,144)	5%	43,201	SF	0.015	(648.02)	($ 100.8)	($ 65,320.2)	($ 1.2)	($ 49,681.4)	($ 115,002)		($ 3.46)	($ 149,376)
1352	CS100	CS501	DIV-32	Paving	12" Thick Compacted Sub Grade 98% Of Maximum Density (A.A. S.H.T.O T-80)	(41,144)	5%	43,201	SF	0.006	(259.21)	($ 91.2)	($ 23,639.7)	($ -	)($ 23,640)		($ 0.69)	($ 29,902)
					Pavement														
1353	CS100	CS501	DIV-32	Paving	**Asphalt Driveway** 1.5" Bituminous Concrete Surface/ Wearing Course (Superpave Hma 50.5)	(98,715)	5%	103,651	SF	0.030	(3,109.52)	($ 91.2)	($ 283,588.5)	($ 3.3)	($ 336,864.9)	($ 620,453)		($ 7.82)	($ 910,594)
1354	CS100	CS501	DIV-32	Paving	2.5" Bituminous Concrete Binder Course (Superpave Hma 51.0)	(98,715)	5%	103,651	SF	0.040	(4,146.03)	($ 91.2)	($ 378,117.9)	($ 5.1)	($ 528,618.8)	($ 906,737)		($ 11.44)	($ 1,186,355)
1355	CS100	CS501	DIV-32	Paving	8" Compacted Processed Aggregate Base (Ct D.O.T Mo5.01)	(98,715)	5%	103,651	SF	0.015	(1,554.76)	($ 91.2)	($ 141,794.2)	($ 1.2)	($ 119,198.4)	($ 260,993)		($ 3.27)	($ 339,214)
1356	CS100	CS501	DIV-32	Paving	Compacted Firm Subgrade	(98,715)	5%	103,651	SF	0.006	(621.90)	($ 91.2)	($ 56,717.7)	($ -	)($ -	) ($ 56,718)		($ 0.69)	($ 71,961)
					Unit Paver														
1357	CS100	CS501	DIV-32	Paving	Concrete Unit Pavers	(4,304)	5%	4,519	SF	0.032	(144.61)	($ 91.2)	($ 13,188.8)	($ 3.9)	($ 17,398.9)	($ 30,588)		($ 8.85)	($ 39,988)
1358	CS100	CS501	DIV-32	Paving	1" Sand Bedding Course	(4,304)	5%	4,519	SF	0.015	(67.79)	($ 91.2)	($ 6,182.3)	($ 1.0)	($ 4,519.2)	($ 10,701)		($ 3.97)	($ 18,004)
1359	CS100	CS501	DIV-32	Paving	10" Processed Aggregate Base	(4,304)	5%	4,519	SF	0.022	(99.42)	($ 91.2)	($ 9,067.3)	($ 1.5)	($ 6,869.2)	($ 15,937)		($ 5.81)	($ 26,685)
1360	CS100	CS501	DIV-32	Paving	Compacted Firm Subgrade	(4,304)	5%	4,519	SF	0.006	(27.12)	($ 91.2)	($ 2,472.9)	($ -	)($ -	) ($ 2,473)		($ 0.69)	($ 3,137)
					Fence														
1361	CS100	CS501	DIV-32	Fencing and Gates - Metal	3'-0" High Black Vinyl Coated Chain Link Fence	488.64	5%	513	LF	0.250	(128.27)	($ 103.1)	($ 13,219.9)	($ 32.8)	($ 16,803.1)	($ 30,023)		($ 76.46)	($ 39,231)
					Stripe														
1362	CS100	CS501	DIV-32	Site Paint	Paint On One Way Arrow	8		(8)	EA	0.300	(2.40)	($ 104.1)	($ 249.9)	($ 24.5)	($ 196.0)	($ 446)		($ 72.38)	($ 579)
1363	CS100	CS501	DIV-32	Site Paint	Ada Sign	6		(6)	EA	0.500	(3.00)	($ 104.1)	($ 312.4)	($ 87.5)	($ 525.0)	($ 837)		($ 181.00)	($ 1,086)
1364	CS100	CS501	DIV-32	Site Paint	Paint On "Stop" Letters	11		(11)	EA	0.350	(3.85)	($ 104.1)	($ 400.9)	($ 30.3)	($ 332.8)	($ 734)		($ 84.67)	($ 932)
1365	CS100	CS501	DIV-32	Site Paint	Parking Strips	1981.86	5%	2,081	LF	0.040	(83.24)	($ 104.1)	($ 8,667.9)	($ 1.1)	($ 2,289.0)	($ 10,957)		($ 9.31)	($ 14,552)
1366	CS100	CS501	DIV-32	Site Paint	Parking Strips	3181.46	5%	3,341	LF	0.040	(133.62)	($ 104.1)	($ 13,914.5)	($ 1.1)	($ 3,674.6)	($ 17,589)		($ 9.31)	($ 23,565)
1367	CS100	CS501	DIV-32	Site Paint	No Parking Strips	242.41	5%	255	LF	0.040	(10.18)	($ 104.1)	($ 1,060.2)	($ 1.1)	($ 280.0)	($ 1,340)		($ 9.31)	($ 1,710)
1368	CS100	CS501	DIV-32	Site Paint	24" Stop Bar	208.23	5%	219	LF	0.060	(13.12)	($ 104.1)	($ 1,366.1)	($ 2.4)	($ 524.7)	($ 1,891)		($ 13.13)	($ 2,535)
1369	CS100	CS501	DIV-32	Site Paint	White Painted Crosswalk (Two Coats)	422.22	5%	443	LF	0.100	(44.33)	($ 104.1)	($ 4,616.6)	($ 4.0)	($ 1,773.3)	($ 6,390)		($ 18.56)	($ 8,227)
					Wooden Platform														
1370	CS100	CS501	DIV-32	Exterior improvements	Wooden Platform	582.06	5%	611	SF	0.600	(366.70)	($ 98.4)	($ 36,083.1)	($ 29.0)	($ 17,723.7)	($ 53,807)		($ 113.67)	($ 69,409)
					Riprap														
1371	CS100	CS501	DIV-32	Exterior improvements	Riprap	1349.73	5%	1,417	SF	0.200	(283.44)	($ 98.4)	($ 27,890.8)	($ 13.0)	($ 18,423.8)	($ 46,315)		($ 42.34)	($ 60,010)
					Retaining Wall														
1372	CS100	CS501	DIV-32	Exterior improvements	Retaing Wall	50.53	5%	53	SF	2.500	(132.64)	($ 98.4)	($ 13,051.9)	($ 187.5)	($ 9,948.1)	($ 23,000)		($ 562.71)	($ 29,850)
					Planter														
1373	CS100	CS501	DIV-32	Exterior improvements	7'-0" X 30'-0" Raised Planter	1		(1)	EA	40.000	(40.00)	($ 98.4)	($ 3,936.0)	($ 2,600.0)	($ 2,600.0)	($ 6,536)		($ 8,468.78)	($ 8,469)
1374	CS100	CS501	DIV-32	Exterior improvements	7'-0" X 89'-0" Raise Planter	1		(1)	EA	110.000	(110.00)	($ 98.4)	($ 10,824.0)	($ 6,650.0)	($

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
1383	CE100	CE501	DIV-32	Erosion Control	Silt Fence W/ -2'-0" High 1.75" X 1.75" X 58' Hardwood Stakes @ 8'-0" -36ft Fence Fabric	(1,884)	5%	1,978)	LF	0.080	(158.26)	$ 86.8)	$ 13,730.3)	$ 4.2)	$ 8,308.4)	$ 22,039)		($ 14.42)	($ 28,525)
1384	CE100	CE501	DIV-32	Erosion Control	Temporary Construction Fence W/ -48" Wire Or Zip Ties To Secure Safety Fence To Post -48" High Density Orange Polyethene Safety Fence	(350)	5%	368)	LF	0.060	(22.05)	$ 86.8)	$ 1,913.1)	$ 3.9)	$ 1,433.3)	$ 3,346)		($ 11.82)	($ 4,343)
1385	CE100	CE501	DIV-32	Erosion Control	Hay Bales	1596	5%	1,675)	LF	0.050	(83.77)	$ 86.8)	$ 7,267.8)	$ 3.8)	$ 6,282.7)	$ 13,550)		($ 10.52)	($ 17,618)
1386	CE100	CE501	DIV-32	Erosion Control	Erosion Control Blanket	15705	5%	16,490)	LF	0.070	(1,154.30)	$ 86.8)	$ 100,146.7)	$ 2.1)	$ 33,804.4)	$ 133,951)		($ 10.40)	($ 172,267)
1387	CE100	CE501	DIV-32	Erosion Control	Proposed Inlet Protection	23		(23)	EA	3.000	(69.00)	$ 86.8)	$ 5,986.4)	$ 345.0)	$ 7,935.0)	$ 13,921)		($ 791.39)	($ 18,201)
1388	CE100	CE501	DIV-32	Erosion Control	Existing Inlet Protection	20		(20)	EA	1.500	(30.00)	$ 86.8)	$ 2,602.8)	$ 172.5)	$ 3,450.0)	$ 6,053)		($ 393.67)	($ 7,913)
					Landscaping														
1389	CE100	CE501	DIV-32	Landscaper	Tag: Asb, Botanical Name: Acer Saccharum Bonfire, Common Name: Bonfire Sugar Maple, Size: 3-3 1/2" Cal	57		(57)	EA	4.360	(248.52)	$ 91.2)	$ 22,665.0)	$ 1,780.0)	$ 101,460.0)	$ 124,125)		($ 2,883.52)	($ 164,361)
1390	CE100	CE501	DIV-32	Landscaper	Tag: Ch, Botanical Name: Celtis X Occidentalis, Common Name: Hackberry, Size: 3-3 1/2" Cal	40		(40)	EA	3.650	(146.00)	$ 91.2)	$ 13,315.2)	$ 780.0)	$ 31,200.0)	$ 44,515)		($ 1,464.84)	$ 58,593)
1391	CE100	CE501	DIV-32	Landscaper	Tag: Ns, Botanical Name: Nyssa Sylvatica, Common Name: Sour Gum Or Tupelo, Size: 3-3 1/2" Cal	39		(39)	EA	4.120	(160.68)	$ 91.2)	$ 14,654.0)	$ 1,150.0)	$ 44,850.0)	$ 59,504)		($ 2,013.74)	$ 78,536)
1392	CE100	CE501	DIV-32	Landscaper	Tag: Tiar, Botanical Name: Tilia X Americana 'Redmond', Common Name: Redmond Linden, Size: 3-3 1/2" Cal	27		(27)	EA	4.230	(114.21)	$ 91.2)	$ 10,416.0)	$ 1,450.0)	$ 39,150.0)	$ 49,566)		($ 2,427.42)	$ 65,540)
1393	CE100	CE501	DIV-32	Landscaper	Tag: Cc, Botanical Name: Cercis Canadensis, Common Name: Eastern Redbud, Size: 10'-12'	17		(17)	EA	2.120	(36.04)	$ 91.2)	$ 3,286.8)	$ 245.0)	$ 4,165.0)	$ 7,452)		($ 572.76)	$ 9,737)
1394	CE100	CE501	DIV-32	Landscaper	Tag: Cf, Botanical Name: Cornus Florida, Common Name: Flowering Dogwood, Size: 10'-12'	21		(21)	EA	3.400	(71.40)	$ 91.2)	$ 6,511.7)	$ 450.0)	$ 9,450.0)	$ 15,962)		($ 994.85)	$ 20,892)
1395	CE100	CE501	DIV-32	Landscaper	Tag: Io, Botanical Name: Ilex Opaca, Common Name: American Holly, Size: 8-10'	19		(19)	EA	4.000	(76.00)	$ 91.2)	$ 6,931.2)	$ 1,080.0)	$ 20,520.0)	$ 27,451)		($ 1,906.29)	$ 36,220)
1396	CE100	CE501	DIV-32	Landscaper	Tag: Pgl, Botanical Name: Picea Glauca, Common Name: White Spruce, Size: 8-10'	20		(20)	EA	3.650	(73.00)	$ 91.2)	$ 6,657.6)	$ 845.0)	$ 16,900.0)	$ 23,558)		($ 1,551.71)	$ 31,034)
1397	CE100	CE501	DIV-32	Landscaper	Tag: Ips, Botanical Name: Ilex Glabra 'Shamrock', Common Name: Dwarf Inkberry Holly, Size: 24-30"	28		(28)	EA	0.623	(17.43)	$ 91.2)	$ 1,589.6)	$ 112.3)	$ 3,144.4)	$ 4,734)		($ 222.12)	$ 6,219)
1398	CE100	CE501	DIV-32	Landscaper	Tag: Mp, Botanical Name: Myrica Pensylvanica, Common Name: Northern Bayberry, Size: 24-30"	57		(57)	EA	0.656	(37.37)	$ 91.2)	$ 3,408.6)	$ 124.0)	$ 7,068.0)	$ 10,477)		($ 241.60)	$ 13,771)
1399	CE100	CE501	DIV-32	Landscaper	Tag: Cm, Botanical Name: Comptonia Peregrina, Common Name: Sweetfern, Size: 24-30"	90		(90)	EA	0.573	(51.54)	$ 91.2)	$ 4,700.7)	$ 89.2)	$ 8,028.0)	$ 12,729)		($ 185.49)	$ 16,694)
1400	CE100	CE501	DIV-32	Landscaper	Tag: Csf, Botanical Name: Cornus Sericea 'Flaviramea', Common Name: Yellow Twig Dogwood, Size: 24-30"	92		(92)	EA	0.706	(64.91)	$ 91.2)	$ 5,919.4)	$ 132.3)	$ 12,171.6)	$ 18,091)		($ 258.46)	$ 23,778)
1401	CE100	CE501	DIV-32	Landscaper	Tag: Vd, Botanical Name: Viburnum Dentatum, Common Name: Arrowwood Viburnum, Size: 24-30"	95		(95)	EA	0.681	(64.66)	$ 91.2)	$ 5,896.7)	$ 132.3)	$ 12,568.5)	$ 18,465)		($ 255.58)	$ 24,289)
1402	CE100	CE501	DIV-32	Landscaper	Tag: Hp, Botanical Name: Hypericum Prolificum, Common Name: Shrubby St. John'S Wort, Size: 24-30"	90		(90)	EA	0.490	(44.07)	$ 91.2)	$ 4,019.5)	$ 114.0)	$ 10,260.0)	$ 14,279)		($ 209.03)	$ 18,813)
1403	CE100	CE501	DIV-32	Landscaper	Tag: Pvs, Botanical Name: Panicum Virgatum 'Heavy Metal', Common Name: 'Heavy Metal' Switch Grass, Size: 2 Gal	15		(15)	EA	0.241	(3.61)	$ 91.2)	$ 329.3)	$ 54.5)	$ 817.5)	$ 1,147)		($ 100.69)	$ 1,510)
1404	CE100	CE501	DIV-32	Landscaper	Tag: Ssg, Botanical Name: Schizachyrium Scoparium, Common Name: Little Bluestem, Size: 2 Gal	16		(16)	EA	0.208	(3.32)	$ 91.2)	$ 302.8)	$ 54.5)	$ 872.0)	$ 1,175)		($ 96.85)	$ 1,550)
1405	CE100	CE501	DIV-32	Landscaper	Tag: Ds, Botanical Name: Perovskia Atriplicifolia, Common Name: Russian Sage, Size: 2 Gal	17		(17)	EA	0.266	(4.52)	$ 91.2)	$ 411.8)	$ 65.0)	$ 1,105.0)	$ 1,517)		($ 117.61)	$ 1,999)
1406	CE100	CE501	DIV-32	Landscaper	Tag: Oa, Botanical Name: Allium 'Purple Sensation', Common Name: Ornamental Onion, Size: 2 Gal	15		(15)	EA	0.232	(3.49)	$ 91.2)	$ 317.9)	$ 44.0)	$ 660.0)	$ 978)		($ 85.70)	$ 1,285)
1407	CE100	CE501	DIV-32	Landscaper	Tag: Pvs, Botanical Name: Coreopsis Grandiflora, Common Name: Large Flower Tickseed, Size: 2 Gal	15		(15)	EA	0.199	(2.99)	$ 91.2)	$ 272.5)	$ 41.2)	$ 618.0)	$ 891)		($ 78.11)	$ 1,172)
					Mobilization														
1408			DIV-32	Site Concrete	Mobilization For Steel	(1.00)		(1)	LS	15.000	(15.00)	$ 100.8)	$ 1,512.0)	($ -	) ($	1,512)		($ 1,918.35)	$ 1,918)
			DIV-33		**Utilities**												$ 1,192,368		
					Storm Utilities														
1409			DIV-33	Utilities	12" Rcp Storm Pipe	614.17	5%	645)	LF	0.350	(225.71)	$ 98.8)	$ 22,307.1)	$ 66.3)	$ 42,755.4)	$ 65,063)		($ 132.50)	$ 85,440)
1410			DIV-33	Utilities	12" Hdpe Storm Pipe	1855.96	5%	1,949)	LF	0.300	(584.63)	$ 98.8)	$ 57,779.9)	$ 46.2)	$ 90,032.8)	$ 147,813)		($ 99.37)	$ 193,640)
1411			DIV-33	Utilities	15" Hdpe Storm Pipe	562.43	5%	591)	LF	0.340	(200.79)	$ 98.8)	$ 19,844.2)	$ 58.9)	$ 34,795.3)	$ 54,640)		($ 122.38)	$ 71,982)
1412			DIV-33	Utilities	18" Hdpe Storm Pipe	440.31	5%	462)	LF	0.380	(175.68)	$ 98.8)	$ 17,363.2)	$ 76.4)	$ 35,340.2)	$ 52,703)		($ 149.81)	$ 69,303)
1413			DIV-33	Utilities	24" Rcp Storm Pipe	1216.61	5%	1,277)	LF	0.550	(702.59)	$ 98.8)	$ 69,438.4)	$ 129.9)	$ 165,939.5)	$ 235,378)		($ 242.59)	$ 309,884)
1414			DIV-33	Utilities	24" Hdpe Storm Pipe	134.16	5%	141)	LF	0.480	(67.62)	$ 98.8)	$ 6,682.7)	$ 103.0)	$ 14,233.3)	$ 20,916)		($ 195.24)	$ 27,604)
1415			DIV-33	Utilities	1-1/2" X 6" Perforated Underdrainage Pipe	3663.81	5%	3,847)	LF	0.180	(692.46)	$ 98.8)	$ 68,437.2)	$ 17.6)	$ 67,861.1)	$ 136,298)		($ 46.15)	$ 177,528)
1416			DIV-33	Utilities	6" Perforated Underdrainage Pipe Hdpe	121.65	5%	128)	LF	0.220	(28.10)	$ 98.8)	$ 2,777.4)	$ 28.0)	$ 3,571.4)	$ 6,349)		($ 64.96)	$ 8,277)
1417			DIV-33	Utilities	Catch Basin	27		(27)	EA	18.000	(486.00)	$ 98.8)	$ 48,032.4)	$ 2,964.0)	$ 80,028.0)	$ 128,060)		($ 6,216.56)	$ 167,907)
1418			DIV-33	Utilities	Yard Drain	21		(21)	EA	6.000	(126.00)	$ 98.8)	$ 12,452.8)	$ 588.0)	$ 12,348.0)	$ 24,801)		($ 1,539.24)	$ 32,303)
1419			DIV-33	Utilities	Clean Out	2		(2)	EA	4.000	(8.00)	$ 98.8)	$ 790.7)	$ 312.0)	$ 624.0)	$ 1,415)		($ 958.57)	$ 1,857)
1420			DIV-33	Utilities	Storm Manhole	3		(3)	EA	28.000	(84.00)	$ 98.8)	$ 8,301.9)	$ 5,544.0)	$ 16,632.0)	$ 24,934)		($ 10,820.74)	$ 32,763)
					Fire Protection Utilities														
1421			DIV-33	Utilities	Fire Protection Water Line	1837.56	5%	1,929)	LF	0.177	(341.51)	$ 98.8)	$ 33,752.2)	$ 12.1)	$ 23,384.8)	$ 57,137)		($ 38.39)	$ 74,078)
1422			DIV-33	Utilities	Gate Valve	1		(1)	EA	6.000	(6.00)	$ 98.8)	$ 593.0)	$ 1,308.0)	$ 1,308.0)	$ 1,901)		($ 2,500.54)	$ 2,501)
1423			DIV-33	Utilities	Fire Hydrant	1		(1)	EA	14.000	(14.00)	$ 98.8)	$ 1,383.8)	$ 4,572.0)	$ 4,572.0)	$ 5,956)		($ 7,260.57)	$ 7,960)
					Electric Utilities														
1424			DIV-33	Utilities	Electric Utility Line	1230.55	5%	1,292)	LF	0.177	(228.70)	$ 98.8)	$ 22,602.7)	$ 12.1)	$ 15,660.0)	$ 38,263)		($ 38.39)	$ 49,607)
					Domestic Water Utilities														
1425			DIV-33	Utilities	4" Dip Water Service Line	271.52	5%	285)	LF	0.150	(99.78)	$ 98.8)	$ 9,861.8)	$ 54.3)	$ 15,480.7)	$ 25,343)		($ 116.96)	$ 32,203)
1426			DIV-33	Utilities	Water Meter Pit	1	5%	1)	LF	10.000	(10.50)	$ 98.8)	$ 1,037.7)	$ 1,980.0)	$ 2,079.0)	$ 3,117)		($ 3,900.36)	$ 4,095)
					Senatory Utilities														
1427			DIV-33	Utilities	8" Pvc Sanatory Pipe	516.53	5%	542)	LF	0.400	(216.94)	$ 98.8)	$ 21,440.9)	$ 55.2)	$ 29,938.1)	$ 51,379)		($ 123.98)	$ 67,218)
1428			DIV-33	Utilities	6" Pvc Sanatory Pipe	516.32	5%	542)	LF	0.320	(173.48)	$ 98.8)	$ 17,145.7)	$ 39.4)	$ 21,338.5)	$ 38,484)		($ 92.73)	$ 50,273)
1429			DIV-33	Utilities	Senatory Manhole	7		(7)	EA	30.000	(210.00)	$ 98.8)	$ 20,754.7)	$ 5,340.0)	$ 37,380.0)	$ 58,135)		($ 10,999.97)	$ 79,292)
1430			DIV-33	Utilities	2000 Gallen Grease Trap	1		(1)	EA	36.000	(36.00)	$ 98.8)	$ 3,558.0)	$ 10,728.0)	$ 10,728.0)	$ 14,286)		($ 18,852.46)	$ 18,852)
SUB TOTAL										Total Lab. Hours =	#REF!	Total Lab. Cost =	#REF!	Total Mat. Cost =	#REF!	#REF!	#REF!		#REF!
MATERIAL TAX												6.7%			#REF!	#REF!	#REF!		
OVERHEAD & PROFIT / INFLATION (Material)												25%			#REF!	#REF!	#REF!		
OVERHEAD & PROFIT (Labor)												25%	#REF!			#REF!	#REF!		
BOND REF												1.5%	#REF!		#REF!	#REF!	#REF!		
TOTAL BASE BID													#REF!		#REF!	#REF!	#REF!		
																			#REF!

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

COST SUMMARY

Date: 45997
Project: Trumbull Hillcrest Middle School
Project Location: 530 Daniels Farm Road, Trumbull, CT 06611

Project Type: Federal Prevailing Wage)
Scope of Work: GC

Total Base Bid:	#REF!

BASE BID /ALTERNATES/ALLOWANCES	TOTAL COST
Base Bid	#REF!
Hourly Rates Tab	

Please enter the sub-quotes in column R (Highlighted orange) against each division/trade and update the Overhead & Profit % as required below; column K will be updated automatically with Subquotes with OH&P. If there is no value entered in column R, the cost from column J (by DE) will be picked.

OH&P on Subquotes	5%

Note: Click on any of the above text to go to the relevant Tab

CSI Summary for Base Bid

Div. No.	CSI Division	Labor Cost	Material Cost	Total Cost	% of sub-total cost
DIV-01	General Requirements	#REF!	($ -)	#REF!	#REF!
DIV-03	Concrete	($ 2,513,404)	($ 1,802,191)	($ 4,315,595)	#REF!
DIV-05	Metals	($ 7,996,082)	($ 4,330,399)	($ 12,326,481)	#REF!
DIV-06	Wood, Plastics & Composites	($ 114,430)	($ 205,541)	($ 319,971)	#REF!
DIV-07	Thermal & Moisture Protection	($ 1,095,777)	($ 1,154,031)	($ 2,249,808)	#REF!
DIV-08	Openings				#REF!
DIV-09	Finishes	#REF!	#REF!	#REF!	#REF!
DIV-10	Specialties	($ 4,985,548)	($ 1,768,285)	($ 6,753,833)	#REF!
DIV-12	Furnishings	($ 107,385)	($ 123,595)	($ 230,980)	#REF!
DIV-21	Fire Suppression	($ 68,778)	($ 169,795)	($ 238,573)	#REF!
DIV-22	Plumbing	($ 130,431)	($ 104,850)	($ 235,281)	#REF!
DIV-23	Heating, Ventilating, & Air conditioning	($ 678,016)	($ 905,496)	($ 1,583,512)	#REF!
DIV-26	Electrical	($ 1,429,985)	($ 1,920,624)	($ 3,350,608)	#REF!
DIV-27	Communications	($ 2,184,386)	($ 2,449,799)	($ 4,634,185)	#REF!
DIV-28	Electronic Safety & Security	($ 16,272)	($ 4,789)	($ 21,061)	#REF!
DIV-31	Earthwork	($ 270,836)	($ 197,918)	($ 468,753)	#REF!
DIV-32	Exterior Improvements	($ 5,102,890)	($ 99,211)	($ 5,202,101)	#REF!
DIV-33	Utilities	($ 1,594,955)	($ 1,794,205)	($ 3,389,160)	#REF!
		($ 466,338)	($ 726,030)	($ 1,192,368)	#REF!
					6.7%
	SUB TOTAL	#REF!	#REF!	#REF!	25.0%
	MATERIAL TAX	($ -)	#REF!	#REF!	1.5%
	OVERHEAD & PROFIT / INFLATION (Material)		#REF!	#REF!	
	OVERHEAD & PROFIT (Labor)	#REF!	($ -)	#REF!	
	Bond Fee			#REF!	
	TOTAL BASE BID				

For Client's Use Only

Comparison with Sub-Quotes — Enter the numbers manually

Division Cost with OH&P & Material Tax	Sub-Quotes w/ OH&P	Difference	Finalized Bid amount by GC	Remarks			Enter Subquotes below
#REF!	($ -)	#REF!					
($ 5,597,567)	($ -)	($ 5,597,567)					($ -)
($ 15,932,745)	($ -)	($ 15,932,745)					($ -)
($ 419,896)	($ -)	($ 419,896)					($ -)
($ 2,932,666)	($ -)	($ 2,932,666)					($ -)
	($ -)						($ -)
#REF!	($ 8,688,783)	#REF!					
($ 301,434)	($ -)	($ 8,688,783)					($ -)
($ 314,198)	($ -)	($ 301,434)					($ -)
($ 305,620)	($ -)	($ 314,198)					($ -)
($ 2,070,457)	($ -)	($ 305,620)					($ -)
($ 4,381,268)	($ -)	($ 2,070,457)					($ -)
($ 6,045,674)	($ -)	($ 4,381,268)					($ -)
($ 27,046)	($ -)	($ 6,045,674)					($ -)
($ 608,146)	($ -)	($ 27,046)					($ -)
($ 6,606,890)	($ -)	($ 608,146)					($ -)
($ 4,421,610)	($ -)	($ 6,606,890)					($ -)
($ 1,562,029)	($ -)	($ 4,421,610)					($ -)
	($ -)	($ 1,562,029)					($ -)
	-)						-)
	-)						-)
#REF!	-)	#REF!	($ -)				-)

Sub-Contractor/Trade Summary for Base Bid

Sub Contractor	Labor Cost	Material Cost	Total Cost	% of sub-total cost
General Requirements Accessories	#REF!	($ -)	#REF!	#REF!
Communication	($ 107,385)	($ 123,595)	($ 230,980)	#REF!
Concrete - Building	($ 16,272)	($ 4,789)	($ 21,061)	#REF!
Countertops	($ 2,513,404)	($ 1,802,191)	($ 4,315,595)	#REF!
Dewatering	($ 68,778)	($ 169,795)	($ 238,573)	#REF!
Doors & Hardware	($ 291,103)	($ -)	($ 291,103)	#REF!
Dry Waller	($ 28,896)	($ 36,210)	($ 65,106)	#REF!
Earth worker	($ 669,166)	($ 212,311)	($ 881,477)	#REF!
Electrician	($ 4,811,786)	($ 99,211)	($ 4,910,997)	#REF!
Electronic Safety and Security (PA)	($ 2,184,386)	($ 2,449,799)	($ 4,634,185)	#REF!
Erosion Control	($ 270,836)	($ 197,918)	($ 468,753)	#REF!
Exterior Improvements	($ 131,647)	($ 61,214)	($ 192,861)	#REF!
Fencing and Gates - Metal	($ 133,772)	($ 83,269)	($ 217,042)	#REF!
Finish Carpenter	($ 13,220)	($ 16,803)	($ 30,023)	#REF!
Fire Suppression	($ 30,672)	($ 23,329)	($ 54,001)	#REF!
Flooring	($ 130,431)	($ 104,850)	($ 235,281)	#REF!
Framer Light Gauge	($ 1,078,283)	($ 583,905)	($ 1,662,188)	#REF!
Insulation	($ 892,689)	($ 222,425)	($ 1,115,114)	#REF!
Interior Painter	($ 100,271)	($ 59,773)	($ 160,044)	#REF!
Joint Sealants	($ 1,069,281)	($ 280,602)	($ 1,349,883)	#REF!
Landscaper	($ 164,211)	($ 66,231)	($ 230,442)	#REF!
Mechanical	($ 111,606)	($ 325,008)	($ 436,614)	#REF!
Millwork	($ 1,429,985)	($ 1,920,624)	($ 3,350,608)	#REF!
Paving	($ 114,430)	($ 205,541)	($ 319,971)	#REF!
Plumber	($ 914,769)	($ 1,013,469)	($ 1,928,239)	#REF!
Roofer	($ 678,016)	($ 905,496)	($ 1,583,512)	#REF!
Sheathing	($ 1,095,777)	($ 1,154,031)	($ 2,249,808)	#REF!
Site Concrete	($ 694,090)	($ 23,439)	($ 717,530)	#REF!
Site Paint	($ 259,352)	($ 284,845)	($ 544,197)	#REF!
Structural Steel	($ 30,588)	($ 9,595)	($ 40,184)	#REF!
Tiler	($ 7,996,082)	($ 4,330,399)	($ 12,326,481)	#REF!
Utilities	($ 317,557)	($ 319,598)	($ 637,155)	#REF!
Window Installer	($ 466,338)	($ 726,030)	($ 1,192,368)	#REF!
				#REF!
				#REF!
	#REF!	#REF!	#REF!	6.7%
SUB TOTAL	#REF!	#REF!	#REF!	25.0%
MATERIAL TAX	($ -)	#REF!	#REF!	25.0%
OVERHEAD & PROFIT / INFLATION (Material)		#REF!	#REF!	1.5%
OVERHEAD & PROFIT (Labor)	#REF!	($ -)	#REF!	
Bond Fee			#REF!	
TOTAL BASE BID				

For Client's Use Only

Comparison with Sub-Quotes — Enter the numbers manually

Sub Contractor Cost with OH&P & Material Tax	Sub-Quotes w/ OH&P	Difference	Finalized Bid amount by GC	Remarks			Enter Subquotes below
#REF!	($ -)	#REF!					
($ 301,434)	($ -)	($ 301,434)					($ -)
($ 27,046)	($ -)	($ 27,046)					($ -)
($ 5,597,567)	($ -)	($ 5,597,567)					($ -)
($ 314,198)	($ -)	($ 314,198)					($ -)
($ 369,337)	($ -)	($ 369,337)					($ -)
($ 85,068)	($ -)	($ 85,068)					($ -)
($ 1,132,765)	($ -)	($ 1,132,765)					($ -)
($ 6,237,553)	($ -)	($ 6,237,553)					($ -)
($ 6,045,674)	($ -)	($ 6,045,674)					($ -)
($ 608,146)	($ -)	($ 608,146)					($ -)
($ 248,841)	($ -)	($ 248,841)					($ -)
($ 281,016)	($ -)	($ 281,016)					($ -)
($ 39,231)	($ -)	($ 39,231)					($ -)
($ 70,095)	($ -)	($ 70,095)					($ -)
($ 305,620)	($ -)	($ 305,620)					($ -)
($ 2,148,479)	($ -)	($ 2,148,479)					($ -)
($ 1,429,878)	($ -)	($ 1,429,878)					($ -)
($ 207,108)	($ -)	($ 207,108)					($ -)
($ 1,731,684)	($ -)	($ 1,731,684)					($ -)
($ 296,862)	($ -)	($ 296,862)					($ -)
($ 575,984)	($ -)	($ 575,984)					($ -)
($ 4,381,268)	($ -)	($ 4,381,268)					($ -)
($ 419,896)	($ -)	($ 419,896)					($ -)
($ 2,515,148)	($ -)	($ 2,515,148)					($ -)
($ 2,070,457)	($ -)	($ 2,070,457)					($ -)
($ 2,932,666)	($ -)	($ 2,932,666)					($ -)
($ 911,955)	($ -)	($ 911,955)					($ -)
($ 709,757)	($ -)	($ 709,757)					($ -)
($ 51,634)	($ -)	($ 51,634)					($ -)
($ 15,932,745)	($ -)	($ 15,932,745)					($ -)
($ 830,053)	($ -)	($ 830,053)					($ -)
($ 1,562,029)	($ -)	($ 1,562,029)					($ -)
	($ -)						($ -)
#REF!	($ -)	#REF!					
#REF!	-)	#REF!	($ -)				

Note: Adjusting the per hour labor rate in the table below will automatically update the labor pricing for whole project. To bypass the per hour labor rate for a single item, please put the per hour labor rate against that item in column M of relative tab.

Please don't edit anything below, without the approval of the Manager (Estimating Department)

CSI Div.	Sub-Contractor/Trade List	Hourly Rates
DIV-1	General Requirements	($ 79.33)
DIV-10	Accessories	($ 102.00)
DIV-09	Acoustical and Metal Ceiling	($ 105.60)
DIV-11	Appliances	($ 105.60)
DIV-02	Asbestos Worker	($ 112.80)
DIV-10	Awnings / Canopies	($ 114.00)
DIV-12	Cabinetry	($ 100.80)
DIV-06	Carpenter Millwork	($ 100.80)
DIV-09	Ceiling - Others	($ 103.20)
DIV-07	Cladding - Metal	($ 110.63)
DIV-06	Cladding - Wood	($ 99.60)
DIV-06	Cladding - Other	($ 102.68)
DIV-09	Clean - Power Wash	($ 77.63)
DIV-31	Clearing & Grubbing	($ 185.40)
DIV-27	Communication	($ 103.20)
DIV-03	Concrete - Building	($ 93.60)
DIV-12	Countertops	($ 88.13)
DIV-08	Curtain Wall	($ 88.13)
DIV-02	Demo - Building	($ 79.20)
DIV-02	Demo - Site	($ 79.20)
DIV-31	Dewatering	($ 178.43)
DIV-08	Doors & Hardware	($ 96.15)
DIV-09	Dry Waller	($ 100.08)
DIV-31	Earth worker	($ 138.28)
DIV-26	Electrician	($ 103.20)
Div-28	Electronic Safety and Security (FA)	($ 103.20)
DIV-14	Elevator	($ 156.31)
DIV-11	Equipment	($ 104.07)
DIV-31	Erosion Control	($ 86.76)
DIV-32	Exterior improvements	($ 98.40)
DIV-09	Exterior Painter	($ 104.13)
DIV-10	Exterior Signage	($ 98.40)
DIV-32	Fencing and Gates - Metal	($ 103.06)
DIV-32	Fencing and Gates - Wood	($ 98.40)
DIV-32	Fencing and Gates - Other	($ 99.31)
DIV-06	Finish Carpenter	($ 100.80)
DIV-09	Fire Proofing	($ 89.46)
DIV-21	Fire Suppression	($ 124.85)
DIV-10	Fireplace	($ 93.60)
DIV-09	Flooring	($ 98.40)
DIV-10	Folding/Moveable Partition	($ 98.40)
DIV-05	Framer Cold Form	($ 102.00)
DIV-09	Framer Light Gauge	($ 102.00)
DIV-06	Framer Lumber	($ 102.00)
DIV-06	Framer Rough Carpenter	($ 102.00)
DIV-12	Furniture	($ 90.00)
DIV-08	Glazier	($ 98.40)
DIV-02	Hazardous Material Handler	($ 102.27)
DIV-07	Insulation	($ 99.53)
DIV-09	Interior Painter	($ 104.13)
DIV-10	Interior Signage	($ 95.55)
DIV-32	Irrigation	($ 91.20)
DIV-07	Joint Sealants	($ 91.20)
DIV-32	Landscaper	($ 91.20)
DIV-12	Mailboxes	($ 95.55)
DIV-04	Mason - Brick Veneer	($ 96.94)
DIV-04	Mason - Cast Stone	($ 99.73)
DIV-04	Mason - CMU	($ 92.58)
DIV-23	Mechanical	($ 118.21)
DIV-06	Millwork	($ 95.55)
DIV-05	Ornamental Steel	($ 103.24)
DIV-05	Paneling - Metal	($ 110.63)
DIV-06	Paneling - Wood	($ 95.55)
DIV-06	Paneling - Other	($ 103.08)
DIV-32	Paving	($ 91.20)
DIV-06	Pergolas	($ 99.03)
DIV-31	Piling	($ 144.93)
DIV-11	Playground Equipment	($ 98.40)
DIV-22	Plumber	($ 105.48)
DIV-13	Pool	($ 108.20)
DIV-03	Precast Concrete	($ 93.60)
DIV-13	Pre-Engineered Metal Building	($ 173.83)
DIV-06	Roof Sheathing	($ 99.53)
DIV-07	Roofer	($ 97.44)
DIV-06	Sheathing	($ 100.80)
DIV-31	Shoring /SOE	($ 100.80)
DIV-07	Siding Contractor	($ 102.21)
DIV-03	Site Concrete	($ 100.80)
DIV-26	Site Electrical	($ 93.62)
DIV-12	Site Furnishing	($ 100.80)
DIV-09	Site Paint	($ 104.13)
DIV-10	Site Signage	($ 95.55)
DIV-08	Skylight	($ 108.00)
DIV-13	Special Construction	($ 103.24)
DIV-05	Staircases and Railings - Metal	($ 103.24)

CLICK HERE TO GO BACK TO COST SUMMARY

DIV-06	Staircases and Railings - Wood	($ 95.55)
DIV-08	Storefront	($ 93.88)
DIV-05	Structural Steel	($ 102.00)
DIV-07	Stucco - EIFS	($ 84.40)
DIV-09	Tiler	($ 97.67)
DIV-10	Toilet Partitions	($ 95.55)
DIV-34	Traffic Control	($ 99.53)
DIV-06	Trellis	($ 95.82)
DIV-06	Truss	($ 93.96)
DIV-33	Utilities	($ 98.83)
DIV-09	Wall Covering	($ 104.13)
DIV-07	Water Proofing & Damp Proofing	($ 92.58)
DIV-08	Window Installer	($ 95.55)
DIV-10	Wire Shelving	($ 95.55)
DIV-00	Z	
DIV-01	Z	

Unit	Wastage
EA	0%
LF	5%
SF	5%
SY	5%
LBS	5%
TONS	5%
CY	5%
LS	0%

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

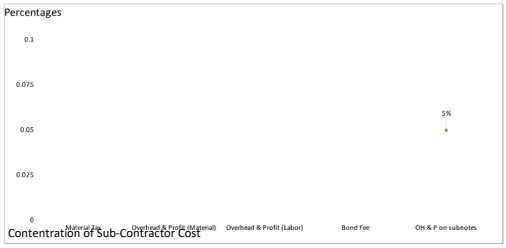
Project Dashboard

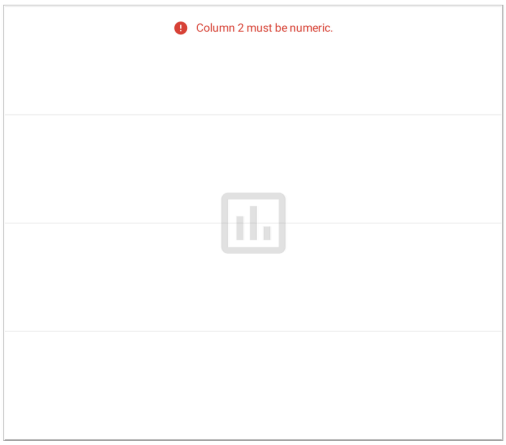
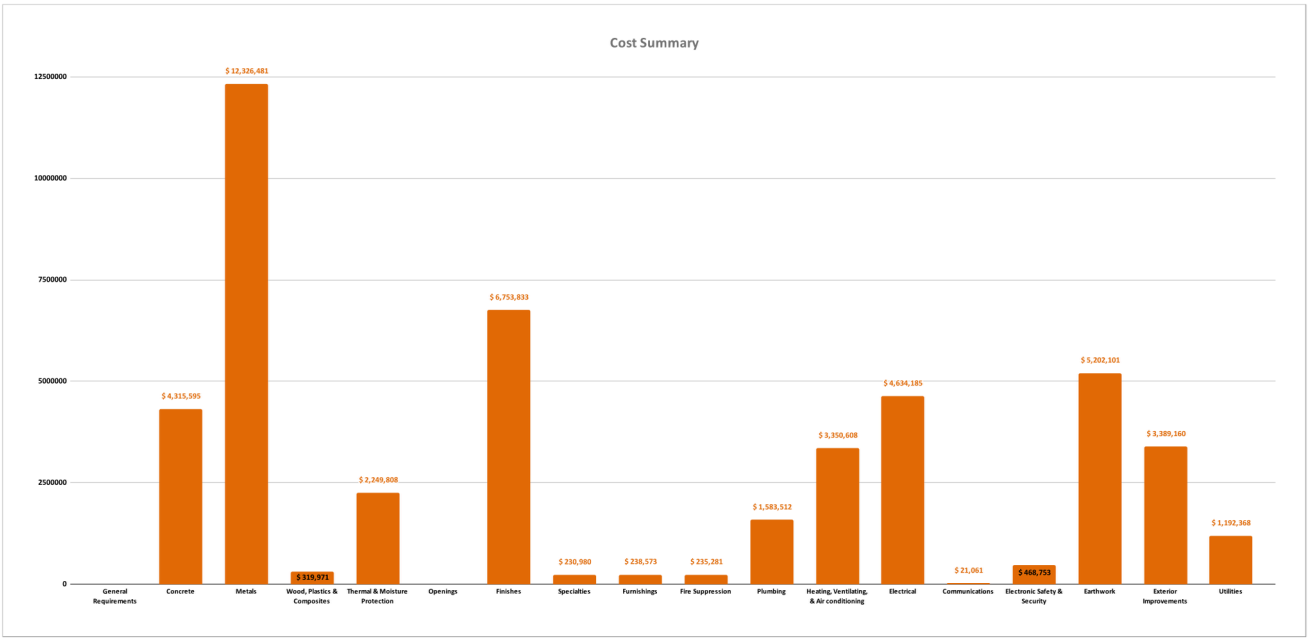
Project Name	Date	Base Bid	Project Type	Address	Scope of Work

Base Bid

By Others

Separate Permit





Material	
Labor	
Material Tax	
Material Profit	
Labor Profit	
Bond Fee