

Project	Habitat Restore Kenner New Facility					Report date	:25/07/2017		
Location	<b>ELEMENTAL COST SUMMARY</b>					Page No.	:		
Owner									
Estimator	Thileepan Tharmalingam					C.T. Index	:		
						GFA	: 23,896.00 Sq ft		
Element	Ratio to GFA	Elemental Cost			Elemental Amount		Rate per ft2		%
		Quantity	Unit rate	Sub- Total	Total	Sub- Total	Total		
<b>A SHELL</b>		23,896	Sq ft			2,051,763		85.86	42.0%
<b>A1 SUBSTRUCTURE</b>						632,033		26.45	12.9%
A11 Foundations	1.000	23,896	Sq ft	3	69,949		2.93		
A12 Basement Excavation	0.000	1	Sum	-	-		-		
A13 Special Conditions	0.000	1	Sum	562,084	562,084		23.52		
<b>A2 STRUCTURE</b>						909,823		38.07	18.6%
A21 Lowest Floor Construction	1.000	23,896	Sq ft	10	240,139		10.05		
A22 Upper Floor Construction	0.178	4,250	Sq.ft	25	104,960		4.39		
A23 Roof Construction	1.000	23,896	Sq ft	24	564,724		23.63		
<b>A3 EXTERIOR ENCLOSURE</b>						509,908		21.34	10.4%
A31 Walls Below Grade	0.000	1	Sum	-	-		-		
A32 Walls Above Grade	0.625	14,934	Sq ft	27	405,778		16.98		
A33 Windows & Entrances	0.086	2,066	Sq.ft	50	104,130		4.36		
A34 Roof Coverings	1.000	23,896	Sq.ft	-	-		-		
A35 Projections	0.000	1	Sum	-	-		-		
<b>B INTERIORS</b>		23,896	Sq ft			461,781		19.32	9.4%
<b>B1 PARTITIONS &amp; DOORS</b>						187,968		7.87	3.8%
B11 Partitions	0.532	12,712	Sq ft	13	159,468		6.67		
B12 Doors	0.001	20	Lvs	1,425	28,500		1.19		
<b>B2 FINISHES</b>						194,563		8.14	4.0%
B21 Floor Finishes	1.000	23,896	Sq ft	2	57,497		2.41		
B22 Ceiling Finishes	1.343	32,089	Sq ft	3	101,340		4.24		
B23 Wall Finishes	1.385	33,086	Sq ft	1	35,726		1.50		
<b>B3 FITTINGS &amp; EQUIPMENT</b>						79,250		3.32	1.6%
B31 Fittings & Fixtures	1.000	23,896	Sq ft	3	79,250		3.32		
B32 Equipment	0.000	1	Sum	-	-		-		
B33 Elevators	0.000	1	Sum	-	-		-		
B34 Escalators	0.000	1	Sum	-	-		-		
<b>C SERVICES</b>		23,896	Sq ft			350,055		14.65	7.2%
<b>C1 MECHANICAL</b>						160,295		6.71	3.3%
C11 Plumbing & Drainage	0.000	1	Sum	59,230	59,230		2.48		
C12 Fire Protection	0.000	1	Sum	13,475	13,475		0.56		
C13 HVAC	0.000	1	Sum	87,590	87,590		3.67		
C14 Controls	0.000	1	Sum	-	-		-		
<b>C2 ELECTRICAL</b>						189,760		7.94	3.9%
C21 Service & Distribution	1.000	23,896	Sum	2	45,000		1.88		
C22 Lighting, Devices & Heating	1.000	23,896	Sum	6	132,760		5.56		
C23 Systems & Ancillaries	0.000	1	Sum	12,000	12,000		0.50		
<b>NET BUILDING COST - EXCLUDING SITE</b>						<b>\$ 2,863,599</b>		<b>119.84</b>	<b>58.6%</b>
<b>D SITE &amp; ANCILLARY WORK</b>									41.4%
<b>D1 SITE WORK</b>						2,025,177		84.75	41.4%
D11 Site Development	2.244	53,614	S.ft	30	1,606,066		67.21		
D12 Mechanical Site Services	0.000	1	Sum	392,304	392,304		16.42		
D13 Electrical Site Services	0.000	1	Sum	26,807	26,807		1.12		
<b>D2 ANCILLARY WORK</b>						-		-	0.0%
D21 Demolitions	0.000	1	Sum	-	-		-		
D22 Alterations	0.000	1	Sum	-	-		-		
<b>NET BUILDING COST - INCLUDING SITE</b>						<b>\$ 4,888,776</b>		<b>204.59</b>	<b>100.0%</b>
<b>Z1 GENERAL REQUIREMENTS &amp; FEE</b>									0.0%
Z11 General Requirement		0.0%			-		-		
Z12 Fee		0.0%			-		-		
<b>TOTAL CONSTRUCTION ESTIMATE - EXCLUDING ALLOWANCES</b>						<b>\$ 4,888,776</b>		<b>204.59</b>	<b>100.0%</b>
<b>Z2 ALLOWANCES</b>									
Z21 Design & Pricing Allowance		0.0%			-		-		
Z22 Escalation Allowance		0.0%			-		-		
Z23 Construction Allowance		0.0%			-		-		
<b>TOTAL CONSTRUCTION ESTIMATE - INCLUDING ALLOWANCES</b>						<b>\$ 4,888,776</b>		<b>204.59</b>	
<b>- HARMONIZED SALES TAX</b>									
- Harmonized Sales Tax		0.0%			-		-		
<b>TOTAL CONSTRUCTION ESTIMATE</b>						<b>\$ 4,888,776</b>		<b>204.59</b>	

<b>A1</b>	<b>SUBSTRUCTURE</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
A11	Foundations			
1	Type A exterior foundation	668 L.ft	48.14	32,156
	- Concrete supply and placing	4008 c.ft	3.50	14,028
	- Rebar	7348 lbs	1.20	8,818
	- Form work	6012 Sq.ft	1.20	7,214
	- Screed concrete	668 Sq.ft	0.80	534
	- Excavation	668 c.ft	1.50	1,002
	- Workplace	373 c.ft	1.50	560
2	Type B interior foundation	1344 L.ft	22.95	30,846
	- Concrete supply and placing	4032 c.ft	3.50	14,112
	- Rebar	5376 lbs	1.20	6,451
	- Form work	2688 Sq.ft	1.20	3,226
	- Screed concrete	1344 Sq.ft	0.80	1,075
	- Excavation	2688 c.ft	1.50	4,032
	- Workplace	1300 c.ft	1.50	1,950
3	Type C interior foundation	152 L.ft	22.98	3,493
	- Concrete supply and placing	456 c.ft	3.50	1,596
	- Rebar	608 lbs	1.20	730
	- Form work	304 Sq.ft	1.20	365
	- Screed concrete	152 Sq.ft	0.80	122
	- Excavation	304 c.ft	1.50	456
	- Workplace	150 c.ft	1.50	225
4	Type D interior foundation	7 No	122.06	854
	- Concrete supply and placing	32 c.ft	3.50	112
	- Rebar	315 lbs	1.20	378
	- Form work	14 Sq.ft	1.20	17
	- Screed concrete	112 Sq.ft	0.80	90
	- Excavation	112 c.ft	1.50	168
	- Workplace	60 c.ft	1.50	90

5	Type J exterior dock foundation	54	L.ft	48.13	2,599
	- Concrete supply and placing	324	c.ft	3.50	1,134
	- Rebar	594	lbs	1.20	713
	- Form work	486	Sq.ft	1.20	583
	- Screed concrete	54	Sq.ft	0.80	43
	- Excavation	54	c.ft	1.50	81
	- Workplace	30	c.ft	1.50	45

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A11	Foundations	<b>Total : \$</b>	23896	Sq ft	2.93	69,949
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A13	Special Conditions					
1	Class 5 piles with 8" dia and 85' long	69	No.	890.00	61,410	
2	Class 5 piles with 8" dia and 65' long	310	No.	780.00	241,800	
3	Compacted filling to grading with imported material, allow	99,567	C.ft	2.60	258,874	

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A13	Special Conditions	<b>Total : \$</b>	1	Sum	562,084.20	562,084
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<b>A2</b>	<b>STRUCTURE</b>		<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>	
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A21	Lowest Floor Construction					
1	Ground floor concrete slab, 6" thickness	22530	Sq.ft	10.17	229,050	
	- Concrete supply and placing	11265	c.ft	3.50	39,428	
	- Rebar for pile cap	36263	lbs	1.20	43,515	
	- Tendon bundle	15095	L.ft	5.70	86,042	
	- Screed concrete	22530	Sq.ft	0.80	18,024	
	- One layer of 6 Mil visqueen	22530	Sq.ft	1.00	22,530	
	- Geofoam lightweight styrofoam fill	97555	c.ft	0.20	19,511	

2	Dock concrete slab, 6" thickness	290	Sq.ft	8.24		2,388
	- Concrete supply and placing	145 c.ft		3.50		508
	- Tendon bundle	194.3 L.ft		5.70		1,108
	- Screed concrete	290 Sq.ft		0.80		232
	- One layer of 6 Mil visqueen	290 Sq.ft		1.00		290
	- Geofoam lightweight styrofoam fill	1256 c.ft		0.20		251
3	Exterior stair landing concrete slab, 6" thickness	36	Sq.ft	6.82		245
	- Concrete supply and placing	18 c.ft		3.50		63
	- Rebar	72 lbs		1.20		86
	- Screed concrete	36 Sq.ft		0.80		29
	- One layer of 6 Mil visqueen	36 Sq.ft		1.00		36
	- Geofoam lightweight styrofoam fill	155.9 c.ft		0.20		31
4	Exterior stair riser to rear entrance	13	L.ft	14.58		190
	- Concrete supply and placing	12 c.ft		3.50		42
	- Rebar	62 lbs		1.20		74
	- Form work	20 Sq.ft		3.00		60
	- Screed concrete	6 Sq.ft		0.80		5
	- One layer of 6 Mil visqueen	6 Sq.ft		1.00		6
	- Geofoam lightweight styrofoam fill	12 c.ft		0.20		2
5	Exterior stair riser to dock	11	L.ft	15.07		166
	- Concrete supply and placing	10 c.ft		3.50		35
	- Rebar	58 lbs		1.20		70
	- Form work	16 Sq.ft		3.00		48
	- Screed concrete	6 Sq.ft		0.80		5
	- One layer of 6 Mil visqueen	6 Sq.ft		1.00		6
	- Geofoam lightweight styrofoam fill	12 c.ft		0.20		2

6	Allow for Truck ramp		450 Sq.ft	18.00	8,100
<b>A21</b>	<b>Lowest Floor Construction</b>	<b>Total : \$</b>	<b>23896 Sq ft</b>	<b>10.05</b>	<b>240,139</b>
A22	Upper Floor Construction				
1	Wood structural panel with plywood panel to equipment platform		4250 Sq.ft	11.00	46,750
2	Pre-fabricated light gauge steel truss to ezuipment platform		2130 L.ft	17.00	36,210
3	Allow for steel stair, 15 risers flight		1 Allow	12,000.00	12,000
4	Allow for steel stair, 8 risers flight		1 Allow	8,000.00	8,000
5	Allow for Steel landing, 2No.		1 Allow	2,000.00	2,000
<b>A22</b>	<b>Upper Floor Construction</b>	<b>Total : \$</b>	<b>4250 Sq.ft</b>	<b>24.70</b>	<b>104,960</b>
A23	Roof Construction				
1	Allow for ridge frame to roof		1118 L.ft	40.00	44,720
2	Allow for 8" steel roof purlin		5052 L.ft	15.00	75,780
3	Preffinished 24GA double-lock zee-lock roof panel		23896 Sq.ft	14.00	334,544
4	2 Layers of fibreglass blanket insulation, 6" thick R-19 unfaced insulation and 4" thick R-13 faced blanket insulation		23896 Sq.ft	2.25	53,766
5	26GA Stainless steel fully insulated gutter		657 L.ft	22.00	14,454

6	Allowance for structural steel to exterior projection roof	510 Sq.ft	28.00	14,280
7	Prefinished 26GA R-panel roof	510 Sq.ft	18.00	9,180
8	Additional support for RTU units	9 Loc	2,000.00	18,000

A23	Roof Construction	<b>Total : \$</b>	23896 Sq.ft	23.63	564,724
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A3	EXTERIOR ENCLOSURE	Quantity	Unit rate	Amount
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A32 Walls Above Grade

1	Allow for ridge frame to column, 22 No.	440 L.ft	40.00	17,600
2	8" thick CMU wall	1960 Sq.ft	43.51	85,276
	8" thick 2 HR fire rated CMU			
-	wall with horizontal and vertical reinforcing	1960 Sq.ft	28.00	54,880
-	Roll applied water repellent coating to exterior side	1960 Sq.ft	7.00	13,720
-	2" thick Z furring channel	1961 Sq.ft	3.50	6,864
-	2" thick foam insulation board, R-10 type	1962 Sq.ft	3.00	5,886
-	5/8" thick gypsum board	1963 Sq.ft	2.00	3,926
3	10" thick wall	3160 Sq.ft	22.00	69,520
-	5/8" thick gypsum board	3160 Sq.ft	2.00	6,320
-	8", 20GA Steel studs	3160 Sq.ft	6.00	18,960
-	8" thick unfaced batt insulation, R-19 type	3160 Sq.ft	2.00	6,320
-	1/2" Exterior sheathing	3160 Sq.ft	2.00	6,320
-	Weather resistant membrane	3160 Sq.ft	3.00	9,480
-	24 GA Prefinished horizontal trapezoidal rib panels w/ concealed fasteners	3160 Sq.ft	7.00	22,120

4	10" thick wall	2040 Sq.ft	28.00	57,120
-	5/8" thick gypsum board	2040 Sq.ft	2.00	4,080
-	8", 20GA Steel studs	2040 Sq.ft	6.00	12,240
-	8" thick unfaced batt insulation, R-19 type	2040 Sq.ft	2.00	4,080
-	1/2" Exterior sheathing	2040 Sq.ft	2.00	4,080
-	Weather resistant membrane	2040 Sq.ft	3.00	6,120
-	Galvanized self-furring metal lath	2040 Sq.ft	7.00	14,280
-	3/4" Smooth sand finish portland cement stucco w/ natural gray top coat	2040 Sq.ft	6.00	12,240
5	15" thick wall	5980 Sq.ft	17.00	101,660
-	5/8" thick gypsum board	5980 Sq.ft	2.00	11,960
-	8", 20GA Steel studs	5980 Sq.ft	6.00	35,880
-	8" thick vinyl faced blanket insulation, R-19 type	5980 Sq.ft	2.00	11,960
-	24 GA Prefinished R-panel wall cladding	5980 Sq.ft	7.00	41,860
	<b>Parapet Wall</b>			
6	8" thick CMU wall	58 Sq.ft	67.34	3,906
-	Roll applied water repellant coating to exterior side	58 Sq.ft	7.00	406
-	8" thick 2 HR fire rated CMU wall with horizontal and vertical reinforcing	58 Sq.ft	28.00	1,624
-	Roll applied water repellant coating to exterior side	58 Sq.ft	7.00	406
-	24GaA Prefinished metal coping, 10" wide	98 L.ft	15.00	1,470

7	10" thick wall	612 Sq.ft	34.76	21,272
	- 24 GA Prefinished horizontal trapezoidal rib panels w/ concealed fasteners	612 Sq.ft	7.00	4,284
	- Weather resistant membrane	612 Sq.ft	3.00	1,836
	- 1/2" Exterior sheathing	612 Sq.ft	2.00	1,224
	- 8", 20GA Steel studs	612 Sq.ft	6.00	3,672
	- 1/2" Exterior sheathing	612 Sq.ft	2.00	1,224
	- Weather resistant membrane	612 Sq.ft	3.00	1,836
	- 24 GA Prefinished horizontal trapezoidal rib panels w/ concealed fasteners	612 Sq.ft	7.00	4,284
	- 24GaA Prefinished metal coping, 15" wide	182 L.ft	16.00	2,912
8	10" thick wall	1124 Sq.ft	43.97	49,425
	- 3/4" Smooth sand finish portland cement stucco w/ natural gray top coat	1124 Sq.ft	6.00	6,744
	- Galvanized self-furring metal lath	1124 Sq.ft	7.00	7,868
	- Weather resistant membrane	1124 Sq.ft	3.00	3,372
	- 1/2" Exterior sheathing	1124 Sq.ft	2.00	2,248
	- 8", 20GA Steel studs	1124 Sq.ft	6.00	6,744
	- 1/2" Exterior sheathing	1124 Sq.ft	2.00	2,248
	- Weather resistant membrane	1124 Sq.ft	3.00	3,372
	- Galvanized self-furring metal lath	1124 Sq.ft	7.00	7,868
	- 3/4" Smooth sand finish portland cement stucco w/ natural gray top coat	1124 Sq.ft	6.00	6,744
	- 24GaA Prefinished metal coping, 12" wide	143 L.ft	15.50	2,217

A32	Walls Above Grade	<b>Total : \$</b>	14934 Sq ft	27.17	405,778
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A33 Windows & Entrances				
1	Type A window, impact resistant clear anodized aluminum storefront window, 3 No.	510 Sq.ft	45.00	22,950
2	Type B window, impact resistant clear anodized aluminum storefront window, 3 No.	300 Sq.ft	45.00	13,500
3	Type D window, fixed, impact resistant, clear anodized aluminum clerestory window, 8 No.	280 Sq.ft	45.00	12,600
4	Type E window, fixed, impact resistant, clear anodized aluminum storefront window, 6 No.	64 Sq.ft	45.00	2,880
5	Type A single door, impact resistant clear anodized aluminum storefront door with frame and hardware, 3' x 8' size	3 Lvs	2,400.00	7,200
6	Type A double sliding door, impact resistant clear anodized aluminum storefront door with frame and automatic sliding hardware, 2 x 3' x 8' size	3 Pair	7,000.00	21,000
7	Automatic door operator	3 No	1,500.00	4,500
8	Painted hollow metal double doors w/ 10" Sq. lites with frame and hardware, 2 x 3' x 7'6" size	2 Pair	1,800.00	3,600

9	Painted hollow metal single doors w/ 10" Sq. lites with frame and hardware, 3' x 7'6" size	1 Leaf	900.00	900
10	Insulated, impact resistant overhead coiling door, 16' x12' size, motorized	3 No	5,000.00	15,000

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<b>A33</b>	<b>Windows &amp; Entrances</b>	<b>Total : \$</b>	<b>2066 Sq.ft</b>	<b>50.40</b>	<b>104,130</b>
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A34 Roof Coverings

1	Prefinished 24GA double-lock zee- lock roof panels measured in roof construction	1 Nill	-	-
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<b>A34</b>	<b>Roof Coverings</b>	<b>Total : \$</b>	<b>23896 s.ft</b>	<b>-</b>	<b>-</b>
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<b>B1</b>	<b>PARTITIONS &amp; DOORS</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
B11	Partitions			
1	Type 1 partition	2172 Sq.ft	9.00	19,548
	- 5/8" Type"X" gypsum board	2172 Sq.ft	2.00	4,344
	- 3-5/8", 20GA steel studs	2172 Sq.ft	4.00	8,688
	- R-13 Batt unfaced insulation	2172 Sq.ft	1.00	2,172
	- 5/8" Type"X" gypsum board	2172 Sq.ft	2.00	4,344
2	Type 2 partition	6408 Sq.ft	8.00	51,264
	- 5/8" Gypsum board	6408 Sq.ft	1.50	9,612
	- 3-5/8", 20GA steel studs	6408 Sq.ft	4.00	25,632
	- R-13 Batt unfaced insulation	6408 Sq.ft	1.00	6,408
	- 5/8" Gypsum board	6408 Sq.ft	1.50	9,612
3	Type 3 partition	847 Sq.ft	10.00	8,470
	- 5/8" Moisture and mold resistant Gypsum board	847 Sq.ft	2.00	1,694
	- 6", 20GA steel studs	847 Sq.ft	5.00	4,235
	- R-13 Batt unfaced insulation	847 Sq.ft	1.00	847
	- 5/8" Moisture and mold resistant Gypsum board	847 Sq.ft	2.00	1,694
4	Type 5 partition	311 Sq.ft	16.00	4,976
	- 5/8" Type"X" gypsum board	311 Sq.ft	2.00	622
	- 3-5/8", 20GA steel studs	311 Sq.ft	4.00	1,244
	- R-13 Batt unfaced insulation	311 Sq.ft	1.00	311
	- 5/8" Type"X" gypsum board	311 Sq.ft	2.00	622
	- 6", 20GA steel studs	311 Sq.ft	5.00	1,555
	- 5/8" Moisture and mold resistant Gypsum board	311 Sq.ft	2.00	622
5	Gypsum board enclosure to storm pipe and column	467 s.ft	5.00	2,335
6	Type 4 partition, 1/4" Clear anodized aluminum tempered glass partition	2507 s.ft	30.00	75,210
<b>B11</b>	<b>Partitions</b>	<b>Total : \$</b>	<b>12.54</b>	<b>159,468</b>

B12	Doors				
1	Type 3b, Aluminum framed tempered glass double door with frame and hardware	2 Pair	8,000.00		16,000
2	Automatic door operator	2 No	1,500.00		3,000
3	Hollow metal single door with frame and hardware	10 Lvs	700.00		7,000
4	Hollow metal single door with sidelite, frame and hardware	1 Leaf	1,000.00		1,000
5	Hollow metal double door with frame and hardware	1 Pair	1,500.00		1,500
6	Overhead coiling door, 16' x12' size, motorized	3 No	4,000.00		12,000

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B12	Doors	<b>Total : \$</b>	20 Lvs	1,425.00	28,500
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<b>B2</b>	<b>FINISHES</b>		<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
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B21	Floor Finishes				
1	Polished concrete surface	23896 S.ft	2.00		47,792
2	Rubber cove base	1941 S.ft	5.00		9,705

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B21	Floor Finishes	<b>Total : \$</b>	23896 Sq ft	2.41	57,497
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B22	Ceiling Finishes				
1	Acoustic ceiling tile	775 Sq.ft	6.00		4,650
2	Fire rated gypsum board ceiling tile	3454 Sq.ft	9.00		31,086
3	Paint to gypsum board ceiling	3454 Sq.ft	1.00		3,454

4	Paint to exposed metal soffit	23896 Sq.ft	2.00	47,792
5	Paint to exposed metal rigid beam frame	1118 L.ft	6.00	6,708
6	Exterior metal soffit ceiling to exterior projection, 24GA prefinished flush soffit panels	510 Sq.ft	15.00	7,650

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<b>B22</b>	<b>Ceiling Finishes</b>	<b>Total : \$</b>	32089 Sq ft	3.16	101,340
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**B23** Wall Finishes

1	Paint	33086 s.ft	1.00	33,086
2	Paint to ridge frame column	440 L.ft	6.00	2,640

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<b>B23</b>	<b>Wall Finishes</b>	<b>Total : \$</b>	33086 Sq ft	1.08	35,726
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<b>B3</b>	<b>FITTINGS &amp; EQUIPMENT</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
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**B31** Fittings & Fixtures

1	Washroom accessories	1 Sum	7,550.00	7,550
	- Toilet partition	5 No	600.00	3,000
	- Grab bar set	5 No	300.00	1,500
	- Toilet paper dispensar	9 Sq.ft	50.00	450
	- Paper towel dispensar	7 Sq.ft	50.00	350
	- Soap dispensar	7 Sq.ft	50.00	350
	Single mirror	4 No	200.00	800
	Double mirror	2 No	300.00	600
	Mirror for 4 lavatory	1 No	500.00	500
2	Metal	1 Sum	22,750.00	22,750
	- Hand rail to stairs	64 L.ft	150.00	9,600
	- Steel guard rail to stairs, 42" high	11 L.ft	200.00	2,200
	- Wall mounted ladder	1 No	600.00	600
	- Hand rail to exterior stairs	33 L.ft	150.00	4,950
	- Hand rail to exterior ramp	36 Sq.ft	150.00	5,400

3	Millwork		1 Sum	18,950.00	18,950
	- Reception desk	26 L.ft		450.00	11,700
	- Countertop w/ base cabinet	5 L.ft		400.00	2,000
	- Upper cabinet	5 L.ft		150.00	750
	- Vanity top	16 Sq.ft		150.00	2,400
	- Painted plywood shelving	12 Sq.ft		175.00	2,100

4	Allow for fixing signage		1 Sum	10,000	10,000
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5	Allow for miscellaneous fitting and fixtures		1 Sum	20,000	20,000
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B31	Fittings & Fixtures	<b>Total : \$</b>	23896 Sq ft	3.32	79,250
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C1	MECHANICAL	Quantity	Unit rate	Amount
C11	Plumbing & Drainage			
1	Plumbing Fixtures	1 sum	24,900.00	24,900
	- L1- Lavatory, electronic flush , countertop mounted	4 No	700.00	2,800
	- L2- Handicap lavatory, electronic flush , countertop mounted	4 No	1,200.00	4,800
	- L3- Handicap lavatory, electronic flush , wall hung	1 No	1,500.00	1,500
	- WC-1 Water closet, floor mounted	3 No	800.00	2,400
	- WC-2, Water closet handicap, floor mounted	6 No	1,000.00	6,000
	- Urinal electronic	1 No	800.00	800
	- Mop sink	1 No	700.00	700
	- S-1, Stainless steel sink	1 No	600.00	600
	- Electronic water cooler, wall hung	1 No	2,000.00	2,000
	- Rough - in fixture	22 No	150.00	3,300
2	Domestic water, allow	1 sum	15,960.00	15,960
	- Cold potable water, below ground	720 L.ft	9.00	6,480
	- Hot potable water, below ground	720 L.ft	9.00	6,480
	- Allow for valve	1 Allow	3,000.00	3,000
3	Electric water heater, allow	1 No	1,500.00	1,500
4	Connection with main suply	1 Allow	2,000.00	2,000
5	Sanitary drainage & vent, allow	1 sum	13,370.00	13,370

- Floor Drain	6	No	200.00	1,200
- VTR	3	No	250.00	750
- C.O	1	No	150.00	150
- Floor mounted C.O	5	No	450.00	2,250
- Underground sanitary drains	420	L.ft	12.00	5,040
- Above ground sanitary drains	340	L.ft	7.00	2,380
- Allow for vent pipe	320	L.ft	5.00	1,600

6	Connection with main sanitary	1	Allow	1,500.00	1,500
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C11	Plumbing & Drainage	<b>Total : \$</b>	1	Sum	59,230.00	59,230
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C12 Fire Protection

1	Fire main pipe	365	L.ft	15.00	5,475
2	Fire hydrant	8	No	400.00	3,200
3	FEC	8	No	600.00	4,800

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C12	Fire Protection	<b>Total : \$</b>	1	Sum	13,475.00	13,475
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C13 HVAC

1	Supply air duct, distribution	130	L.ft	45.00	5,850
2	Supply air duct, main	20	L.ft	67.00	1,340
3	Grill	1	Sum	2,250.00	2,250
	- Supply diffuser	9	No	250.00	2,250
4	Air transfer duct unit	7	No	2,000.00	14,000
5	Devices	1	Sum	49,150.00	49,150
	- Big ass fan	6	No	700.00	4,200
	- RTU 1-4	4	No	3,500.00	14,000



- RTU 5 & 6	2 No	3,000.00	6,000
- RTU 7-9	3 No	2,850.00	8,550
Exhaust fan	4 No	2,000.00	8,000
Air curtain	2 No	2,100.00	4,200
Heat pump	1 No	1,700.00	1,700
FCU	1 No	2,500.00	2,500

6	Allowance for HVAC control system	1 Sum	15,000.00	15,000
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C13	HVAC	<b>Total : \$</b>	1 Sum	87,590.00	87,590
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<b>C2</b>	<b>ELECTRICAL</b>		<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
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C21 Service & Distribution

1	Allowance for service & distribution	1.00 Allow	45,000.00	45,000
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C21	Service & Distribution	<b>Total : \$</b>	23896 Sum	1.88	45,000
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C22 Lighting, Devices & Heating

1	Lighting fixtures	1.00 sum	63,960.00	63,960
-	F1	38 No	300.00	11,400
-	F1A	3 No	300.00	900
-	F2	27 No	300.00	8,100
-	F3	11 No	300.00	3,300
-	F4	8 No	300.00	2,400
-	F5	3 No	300.00	900
-	F6	9 No	300.00	2,700
-	F7	6 No	300.00	1,800
-	F8	10 No	300.00	3,000
-	F9	6 No	300.00	1,800
-	S-1	4 No	300.00	1,200
-	EM	23 No	300.00	6,900
-	EX	8 No	300.00	2,400
-	Allow for wiring	156 No	110.00	17,160

2	lighting devices & heating	1.00	sum	40,800.00	40,800
	- GFI duplex receptcle	4	No	150.00	600
	- MS duplex receptcle	96	No	150.00	14,400
	- WP duplex receptcle	2	No	150.00	300
	- Outlet comp wall mount	26	No	250.00	6,500
	- Disconect switch	12	No	300.00	3,600
	- Allow wiring	140	No	110.00	15,400
3	Allow for panel board	1	Sum	23,000	23,000
	- Panel A1 - 143,500 W	1	No	8,000.00	8,000
	- Panel A2 - 49,500 W	1	No	3,000.00	3,000
	- Panel B, C & D - 59,800 W	3	No	4,000.00	12,000
4	Allow for data & communication	1.00	Sum	5,000.00	5,000

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C22	Lighting, Devices & Heating	<b>Total : \$</b>	23896 Sum	5.56	132,760
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C23 Systems & Ancillaries

1	Allow for security system	1.00	Sum	12,000.00	12,000
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C23	Systems & Ancillaries	<b>Total : \$</b>	1 Sum	12,000.00	12,000
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<b>D1</b>	<b>SITE WORK</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>	
D11	Site Development				
1	Excavate and reduce level	53,614 S.ft	1.00	53,614	
2	Site grading fill, allow for 3' high	160,842 C.ft	2.00	321,684	
3	Asphalt paving including base	21,626 S.ft	25.00	540,650	
4	Concret driveway paving including base	15,558 S.ft	22.00	342,276	
5	Concrete walkway paving with base	2,306 S.ft	14.00	32,284	
6	Landscaping / grass area	14,124 S.ft	5.00	70,620	
7	Allow for planting	1 Sum	97,750.00	97,750	
	- Nuttall Oak	29 No	750.00	21,750	
	- Cannage Palmetto	6 No	750.00	4,500	
	- Chinese Elm	5 No	650.00	3,250	
	- Gulf coast muhly	138 No	250.00	34,500	
	Snow indian hawthorn	135 No	250.00	33,750	
8	Curb	2,351 L.ft	40.00	94,040	
9	Precast concrete wheel stop	4 No	200.00	800	
10	Wood fence	462 L.ft	22.00	10,164	
11	Chain link fence	60 L.ft	25.00	1,500	
12	Sliding gate	1 Sum	2,000.00	2,000	
13	Swing barrier double gate	1 Sum	1,500.00	1,500	
14	Line marking, allow	37,184 Sq.ft	1.00	37,184	
D11	Site Development	<b>Total : \$</b>	53,614 S.ft	29.96	1,606,066
D12	Mechanical Site Services				
1	Allowance for mechanical site services	53,614 Sq.ft	6.00	321,684	

2	Allowance for irrigation system	14,124	Sq.ft	5.00	70,620
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D12	Mechanical Site Services	<b>Total : \$</b>	1	Sum	392,304.00	392,304
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D13 Electrical Site Services

1	Allowance for electrical site services	53,614	Sq.ft	0.50	26,807
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D13	Electrical Site Servies	<b>Total : \$</b>	1	Sum	26,807.00	26,807
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