

Estimate of Probable Cost

dolphin mall - Dec 2006 - FL - Miami

Prepared By: **Travis Smith**

Prepared For: **Dr. Riley & PSU AE Staff**

University Park, PA 16802
Fax:
 Building Sq. Size: **48000**
 Bid Date: **4/22/2006**
 No. of floors: **1**
 No. of buildings: **1**
 Project Height: **43**
 1st Floor Height: **29**
 1st Floor Size: **326250**

Fax:
 Site Sq. Size: **4023750**
 Building use: **Commercial**
 Foundation: **CON**
 Exterior Walls: **PRE**
 Interior Walls: **DRY**
 Roof Type: **BUP**
 Floor Type: **CON**
 Project Type: **ADD/REN**

Division		Percent	Sq. Cost	Amount
01	General Requirements	7.10	3.45	165,744
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03	Concrete	8.10	3.94	189,109
	Accessories	0.00	0.00	0
	Cast-in-place	0.00	0.00	0
	Curing	0.06	0.03	1,448
	Formwork	6.79	3.30	158,577
	Reinforcement	1.25	0.61	29,085
04	Masonry	0.63	0.31	14,730
	Masonry	0.63	0.31	14,730
05	Metals	26.01	12.65	607,402
	Decking	2.54	1.23	59,222
	Expansion Control	0.98	0.48	22,847
	Fabrications	1.73	0.84	40,508
	Ornamental	6.53	3.18	152,414
	Structural Framing	14.23	6.93	332,410
06	Wood & Plastics	2.30	1.12	53,750
	Architectural Woodwork	0.15	0.07	3,436
	Finish Carpentry	0.39	0.19	9,169
	Rough Carpentry	1.76	0.86	41,146
07	Thermal & Moisture Protection	6.51	3.17	151,997
	Fiberglass Liners	0.07	0.03	1,571
	Flashing & Sheet Metal	0.37	0.18	8,568
	Insulation	0.11	0.05	2,480
	Joint Sealers	0.11	0.06	2,672
	Membrane Roofing	3.19	1.55	74,479
	Skylights	2.49	1.21	58,170
	Waterproofing	0.17	0.08	4,058
08	Doors & Windows	2.14	1.04	49,867
	Entrances & Storefronts	1.37	0.67	32,091
	Glazing & Glazed Curtain Wall	0.00	0.00	0
	Hardware	0.46	0.22	10,747
	Metal Doors & Frames	0.19	0.09	4,509
	Metal Windows	0.00	0.00	0
	Special Doors	0.03	0.01	676
	Wood & Plastic Doors	0.08	0.04	1,843
09	Finishes	19.21	9.34	448,551
	Acoustical Treatment	0.03	0.01	646
	Carpet	0.03	0.01	654
	Gypsum Board	6.83	3.32	159,479
	Lath & Plaster	4.60	2.24	107,321
	Painting	2.01	0.98	46,975
	Tile	5.72	2.78	133,475
10	Specialties	0.37	0.18	8,718
	Identifying Devices	0.07	0.03	1,578

	Manufactured Ext. Specialties	0.13	0.06	3,081
	Partitions	0.00	0.00	0
	Toilet & Bath Accessories	0.16	0.08	3,683
	Wall & Corner Guards	0.02	0.01	376
12	Furnishings	0.49	0.24	11,553
	Const. Related Artwork	0.40	0.19	9,299
	Rugs & Mats	0.10	0.05	2,255
14	Conveying Systems	3.60	1.75	84,023
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15	Mechanical	12.80	6.23	298,816
	Air Distribution	0.00	0.00	0
	Controls	0.00	0.00	0
	Fire Protection	2.08	1.01	48,625
	HVAC	6.03	2.94	140,915
	Insulation	0.00	0.00	0
	Plumbing	4.68	2.28	109,275
	Testing, Adj. & Balancing	0.00	0.00	0
16	Electrical	10.75	5.23	251,093
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Total Building Costs		100.00	48.65	2,335,354
02	Site Work	100.00	0.22	886,850
	Dewatering	26.64	0.06	236,250
	Earthwork	12.98	0.03	115,100
	Shoring & Underpinning	2.96	0.01	26,250
	Site Concrete	57.42	0.13	509,250
Total Site Costs		100.00	0.22	886,850
Total Project Costs		--	--	3,222,204

Building Division Notes

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General Requirements	Summary of work, allowance, measurement & payment, alternates/ alternatives, modification procedures, coordination, field engineering, regulatory requirements, identification systems, references, special project procedures, project meeting, submittals, quality control, constr. facility startup/commissioning, contract closeout, maintenance.
Accessories	Included in Formwork.
Cast-in-place	Included in Formwork.
Masonry	Masonry & grout, accessories, unit, stone.
Structural Framing	Materials, coatings & joists included in structural framing.
Glazing & Glazed Curtain Wall	Included in Entrances & Storefronts.
Metal Windows	Included in Entrances & Storefronts.
Partitions	Included in Toilet & Bath Accessories.
Conveying Systems	Elevator(s), escalators & moving walks.
Air Distribution	Included in HVAC.
Controls	Included in HVAC.
Insulation	Included in HVAC.
Testing, Adj. & Balancing	Included in HVAC.
Electrical	Basic materials & methods.

Site Division Notes

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Project Notes

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Estimate Based On Case: CM930104 - Moreno Valley Mall at Towngate
Location: Miami Florida
Date: December 2006
Building Size: 32,000 Sq Ft.

SPECIAL PROJECT NOTES

Dolphin Mall Expansion is a 48,000 square foot project. 16,000 square feet will be demolished and 32,000 square feet will be renovated and prepared for the addition of a Bass Pro Shop. The exterior walls are Pre-cast and the new construction includes a masonry wall. New steel joists and roof decking will be installed as well as the relocation of an information booth. This estimate does not include the site work and additional Boat Storage area.

User Defined Fields

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User Defined 1:

User Defined 2:

User Defined 3:

User Defined 4:

User Defined 5:

User Defined 6:

User Defined 7:

User Defined 8: