



**Attachment B**

**Miami Beach Botanical Garden Phase 3  
Preliminary Cost Estimate for Landscape Construction**

18-May-17

- Costs to be verified under normal bid process
- Prepared using Miami costs
- Cost Estimate does not include the following items:
  - Permit fees
  - FPL, Utilities or any other item pertaining to Civil Engineering Scope
  - Structural Engineering
  - Electrical Engineering
  - MEP Engineering

Item	Description	Quantity	Unit	Unit Price	Total	Notes									
<b>I. DEMOLITION</b>															
1	Removal of existing pavement, structures (Canal Area)	3,429	SF	\$4.00	\$13,716.00	Includes removing existing concrete path from Conv. Center Drive to Holocaust Memorial rear property line									
					<b>\$13,716.00</b>										
<b>II. SITE PREPARATION</b>															
1	Misc. tree relocations/ Removal	1	LS	\$10,000.00	\$10,000.00	Allowance									
2	Canal Walk Area excavation	1,000	CY	\$5.66	\$5,660.00	Rough estimate									
3	Rough + Fine Grading (on-site)	1	LS	\$25,000.00	\$25,000.00	Allowance									
4	Drainage	1	LS	\$12,000.00	\$12,000.00	Allowance									
5	Reroute FPL Lines Underground	1	LS	\$93,500.00	\$93,500.00	Cost was preserved from previous Estimate									
6	Reroute FPL Lines Underground (Trenching/ Piping)	1	LS	\$60,000.00	\$60,000.00	Cost was preserved from previous Estimate									
					<b>\$206,160.00</b>										
<b>III. HARDSCAPE</b>															
1	Concrete, Rock Salt Finish	3,367	SF	\$20.00	\$67,340.00	4" Thick Slab with reinforcing									
2	Aggregate sub-base	3,367	SF	\$1.84	\$6,195.28	Limerock aggregate base @ 6"									
3	Oolite Work, NW Landscape Retaining Wall	810	CU FT	\$30.00	\$24,300.00	3' Ht. average. Does not include crane.									
4	Oolite Work, Center Landscape Retaining Wall	858	CU FT	\$30.00	\$25,740.00	3' Ht. average. Does not include crane.									
5	Oolite Work, Planters	1,632	CU FT	\$30.00	\$48,960.00	8' Ht. average. Does not include crane.									
					<b>\$172,535.28</b>										
<b>IV. SITE ELEMENTS</b>															
1	Overhead Roller Doors at Canal Walk	6	LS	\$17,500.00	\$105,000.00	Allowance									
2	Gates	2	LS	\$10,000.00	\$20,000.00	Allowance									
					<b>\$125,000.00</b>										
<b>V. LANDSCAPE</b>															
1	Planting	4,950	SF	\$12.50	\$61,875.00	Remaining 25% of planting									
2	Sod	3,200	SF	\$1.50	\$4,800.00	Zoyzia Ehpire									
					<b>\$66,675.00</b>										
<b>VI. IRRIGATION</b>															
1	Installation	8,150	SF	\$1.75	\$14,262.50	Allowance									
					<b>\$14,262.50</b>										
<b>VII. LIGHTING</b>															
1	Fixtures	1	LS	\$36,000.00	\$36,000.00	Allowance									
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<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td style="text-align: right;">Estimated Subtotal</td> <td style="text-align: right;">\$633,348.78</td> </tr> <tr> <td></td> <td style="text-align: right;">10% Contingency Allowance</td> <td style="text-align: right;">\$63,334.88</td> </tr> <tr> <td></td> <td style="text-align: right;"><b>Estimated Total</b></td> <td style="text-align: right;"><b>\$696,683.66</b></td> </tr> </table>								Estimated Subtotal	\$633,348.78		10% Contingency Allowance	\$63,334.88		<b>Estimated Total</b>	<b>\$696,683.66</b>
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