



**PROJECT NAME:** Dania Beach US-1 ROW Landscape Improvements  
**IBI PROJECT NO.:** 27133  
**DATE:** November 10, 2011  
**PROJECT PHASE:** Phase 2 (Sheridan St - Stirling Rd) - Bid Set

## Opinion of Probable Cost

Item No.	Item	Quantity	Unit	Price	Subtotal	Description
<b>A General Conditions</b>						
1.	Mobilization & Staging	2.0%	lump sum	\$15,945	\$15,945	Of construction sub-total
2.	Maintenance of Traffic	5.0%	lump sum	\$39,863	\$39,863	Of construction sub-total; incl. design
3.	As-built drawings	1.5%	lump sum	\$11,959	\$11,959	Of construction sub-total
4.	Bonds & Insurance	1.5%	lump sum	\$11,959	\$11,959	Of construction sub-total
5.	Video Documentation	0.5%	lump sum	\$3,986	\$3,986	Of construction sub-total
6.	Locates, Testing & Quality Control	1.0%	lump sum	\$7,973	\$7,973	Of construction sub-total
7.	Permits, Inspections, etc...	1.0%	lump sum	\$20,929	\$20,929	Of construction sub-total + Impact Fee
8.	Underground Survey (Soft Digs)	1.5%	lump sum	\$11,959	\$11,959	Of construction sub-total
9.	Erosion control	0.25%	lump sum	\$1,993	\$1,993	Curb inlet protection; per FDOT
<b>General Conditions Subtotal</b>					<b>\$126,566</b>	
<b>B Demolition</b>						
1.	Clearing & grubbing	12,590	sqft	\$0.50	\$6,295	Per FDOT spec section 110
2.	Concrete curb	51	lf	\$5.00	\$254	Sawcut, remove, & dispose
3.	Concrete pavement & base	7,469	sqft	\$2.00	\$14,938	Sawcut, remove, & dispose
4.	Large shade trees	0	each	\$500.00	\$0	Demolish & remove; including stump
<b>Demolition Subtotal</b>					<b>\$21,487</b>	
<b>C Sitework/Hardscape</b>						
1.	Fine grading	20,059	sqft	\$0.30	\$6,018	All landscape verges
2.	Type "F" concrete curb	51	lf	\$18.00	\$915	Per FDOT index 300
3.	4" Concrete Sidewalk	205	sqft	\$4.50	\$921	4" Thick; per FDOT index 310
4.	6" Concrete pavement	0	sqft	\$5.00	\$0	6" Thick; per FDOT index 310
4.	Type B stabilization	205	sqft	\$1.50	\$307	FDOT section 160 for sidewalk
6.	Asphalt overlay (restoration)	1.4	tons	\$260.00	\$367	FDOT spec section 300-337
7.	Bituminous aggregate base	2	tons	\$260.00	\$551	FDOT spec section 300-337
8.	Aggregate base	2	tons	\$50.00	\$106	FDOT spec section 901-916
9.	12" Type B stabilization	76	sqft	\$2.00	\$153	FDOT section 160 & 911 for roadway
10.	Export of CUS (prepared soil layer)	371	cuyd	\$18.00	\$6,686	FDOT sec. 162; excavate & dipose
11.	Soil Amendment & Backfill	371	cuyd	\$28.00	\$10,401	Inc. transit, material, till & grade
12.	Export of surplus soil (tree pits)	109	cuyd	\$18.00	\$1,953	Surplus from tree planting pit
13.	Tree grate	3	each	\$800.00	\$2,400	Ironsmith model 4848 w/ M4800F-2
<b>Sitework/Hardscape Subtotal</b>					<b>\$30,777</b>	
<b>D Landscape</b>						
1.	Cocos nucifera 'Maypan'	7	each	\$1,050.00	\$7,350	18' OA; 8.5' CT MIN.
2.	Cocos nucifera 'Maypan'	22	each	\$1,125.00	\$24,750	22' OA; 8.5' CT MIN.
3.	Dictyosperma album	18	each	\$630.00	\$11,340	12' OA; 8.5' CT MIN.
4.	Dictyosperma album	33	each	\$720.00	\$23,760	14' OA; 8.5' CT MIN.
5.	Dictyosperma album	31	each	\$810.00	\$25,110	16' OA; 8.5' CT MIN.
6.	Dictyosperma album	13	each	\$900.00	\$11,700	18' OA; 8.5' CT MIN.
7.	Dypsis lastelliana	19	each	\$472.50	\$8,978	12' OA; 8.5' CT MIN.
8.	Dypsis lastelliana	33	each	\$540.00	\$17,820	14' OA; 8.5' CT MIN.
9.	Dypsis lastelliana	34	each	\$810.00	\$27,540	16' OA; 8.5' CT MIN.
10.	Dypsis lastelliana	13	each	\$900.00	\$11,700	18' OA; 8.5' CT MIN.
11.	Lagerstroemia indica 'Muskogee'	0	each	\$618.75	\$0	17-18' OA; 8.5' STANDARD
12.	Lagerstroemia indica 'Tuscarora'	5	each	\$637.50	\$3,188	17-18' OA; 8.5' STANDARD
13.	Phoenix dactylifera 'Medjool'	12	each	\$5,000.00	\$60,000	13' CT; full head
14.	Bulnesia arborea	2	each	\$480.00	\$960	17-18' OA; 8.5' STANDARD
15.	Thrinax radiata	3	each	\$1,560.00	\$4,680	12' OA; 10' CT MIN.
16.	Thrinax radiata	10	each	\$1,820.00	\$18,200	14' OA; 10' CT MIN.
17.	Thrinax radiata	6	each	\$2,340.00	\$14,040	16' OA; 10' CT MIN.
18.	Thrinax radiata	0	each	\$2,632.50	\$0	18' OA; 10' CT MIN.
19.	Tradescantia virginiana	414	each	\$5.00	\$2,070	1 gal.; 12" tall; full
20.	Mulch	63	cuyd	\$50.00	\$3,152	3" of Florimulch
20.	Turfgrass	11972	sqft	\$0.60	\$7,183	Solid Sod
<b>Landscape Subtotal</b>					<b>\$283,520</b>	



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<b>E</b>	<b>Irrigation</b>					
1.	4" HDPE DR 11 HDD Mainline	5230	lf	\$28.00	\$146,440	PE 3608/3408 IPS - Reclaim
2.	3" HDPE DR 11 HDD Mainline	230	lf	\$25.00	\$5,750	PE 3608/3408 IPS - Reclaim
3.	1" HDPE DR 11 HDD Cable	2285	lf	\$5.00	\$11,425	PE 3608/3408 IPS
4.	3" HDPE DR 11 HDD Lateral	5950	lf	\$25.00	\$148,750	PE 3608/3408 IPS - Reclaim
5.	2" HDPE DR 11 HDD Lateral	2275	lf	\$18.00	\$40,950	PE 3608/3408 IPS - Reclaim
6.	6" HDPE DR 11 HDD Sleeve	290	lf	\$25.00	\$7,250	PE 3608/3408 IPS
7.	4" HDPE DR 11 HDD Sleeve	40	lf	\$22.00	\$880	PE 3608/3408 IPS
8.	2" HDPE DR 11 HDD Sleeve	360	lf	\$15.00	\$5,400	PE 3608/3408 IPS
9.	4" PVC CL 200 Mainline	30	lf	\$4.00	\$120	Pantone Purple 522C incl. fittings
10.	3" PVC CL 200 Mainline	105	lf	\$3.50	\$368	Pantone Purple 522C incl. fittings
11.	2 1/2" PVC CL 200 Mainline	335	lf	\$3.25	\$1,089	Pantone Purple 522C incl. fittings
12.	3" PVC CL 200 Lateral	40	lf	\$2.50	\$100	Pantone Purple 522C, solvent weld
13.	1 1/2" PVC CL 200 Lateral	15	lf	\$2.25	\$34	Pantone Purple 522C, solvent weld
14.	1 1/4" PVC CL 200 Lateral	80	lf	\$2.25	\$180	Pantone Purple 522C, solvent weld
15.	1" PVC CL 200 Lateral	620	lf	\$1.75	\$1,085	Pantone Purple 522C, solvent weld
16.	3/4" PVC CL 200 Lateral	4575	lf	\$1.50	\$6,863	Pantone Purple 522C, solvent weld
17.	RainBird 1800 sprayhead	509	each	\$22.00	\$11,198	Reclaim nozzle & (5') 1/2" Funny pipe
18.	RainBird 1402 bubbler	510	each	\$16.00	\$8,160	Reclaim nozzle & (5') 1/2" Funny pipe
19.	200-PESB-R Control Valve & Box	7	each	\$325.00	\$2,275	Reclaim nozzle & (5') 1/2" Funny pipe
20.	FD-101 Single Address Decoder	3	each	\$175.00	\$525	Valve Box
21.	FD-102 Two Address Decoder	4	each	\$250.00	\$1,000	Valve Box
22.	SP-201 Turf Sensor Decoder	3	each	\$200.00	\$600	
23.	4" Gate Valve & Pipe Restriant	3	each	\$600.00	\$1,800	Valve Box
24.	3" Gate Valve & Pipe Restriant	1	each	\$500.00	\$500	Valve Box
25.	2 1/2" Gate Valve & Pipe Restriant	3	each	\$450.00	\$1,350	Valve Box
26.	Bermad 4415 Air Release Valve	3	each	\$350.00	\$1,050	Valve Box
27.	Rainbird FS200P 2" Flow Sensor	3	each	\$500.00	\$1,500	Valve Box
28.	Rainbird ESP-50 LXD w/ IQ V2.0	1	each	\$8,000.00	\$8,000	LXMMPED - cell comm & Rain Sensor
29.	Rainbird Maxi-Cable 14-2 UF	2580	each	\$2.00	\$5,160	Double jacketed w/ wire connectors
30.	Rainbird LSP-1 Turf Surge Protect.	3	each	\$300.00	\$900	Ground rod & Valve box
31.	4" Harco HDPE to PVC Transition	8	each	\$500.00	\$4,000	Full assembly
32.	3" Harco HDPE to PVC Transition	11	each	\$475.00	\$5,225	Full assembly
33.	4"x2" Saddle HDPE w/ FIPT Outlet	2	each	\$300.00	\$600	Harco 80480H4
34.	3"x1 1/2" Saddle HDPE w/ FIPT Out	3	each	\$250.00	\$750	Harco 80380H4
35.	3"x1 1/4" Saddle HDPE w/ FIPT Out	4	each	\$250.00	\$1,000	Harco 80380H4
36.	3"x1" Saddle HDPE w/ FIPT Outlet	69	each	\$200.00	\$13,800	Harco 80380H4
37.	2"x1" Saddle HDPE w/ FIPT Outlet	28	each	\$200.00	\$5,600	Harco 80180H2
38.	2" Water Meter, Tap & Restoration	1	each	\$3,000.00	\$3,000	Per City of Dania Beach
39.	2" Backflow Preventer & Vault	1	each	\$2,000.00	\$2,000	Per local code; Underground install
40.	Electrical 120V Single Phase Drop	1	each	\$4,000.00	\$4,000	Electrical supply and Breaker
41.	3" Mainline Connection	1	each	\$800.00	\$800	
<b>Irrigation Subtotal</b>					<b>\$461,476</b>	
<b>Construction Subtotal</b>					<b>\$797,260</b>	
<b>F</b>	<b>Allowances</b>					
1.	Construction Contingency	1	lump sum	\$100,000.00	\$100,000	
2.	Concrete Sidewalk Contingency	1	lump sum	\$25,000.00	\$25,000	
<b>Allowances Subtotal</b>					<b>\$125,000</b>	
<b>Project Total</b>					<b>\$1,048,825 (gc, const, &amp; alw)</b>	

The IBI Group, Inc. has no control over the cost of labor, materials, or equipment, the Contractor's method of determining prices or competitive bidding or market conditions. Therefore, our opinions of probable construction costs provided for herein are made on the basis of experience and represent our best judgment as Landscape Architects familiar with the construction industry. The firm cannot and does not guarantee that proposals, bids or the construction cost will not vary from our opinions of probable costs. If the Owner wishes greater assurances as to the construction cost, we recommend the employment of an independent cost estimator.