

CITY OF MIAMI BEACH
WATER MAINS, SANITARY SEWER MAINS AND MILLING AND RESURFACING ALONG INDIAN
CREEK DRIVE BETWEEN 26TH AND 42ND STREETS

SUMMARY OF ITEMS WATER MAIN (UPDATED 10/08)					
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	BARRIER 1 SIDE (SHT 4-10)	LF			
2	BARRIER 2 SIDES (SHT 11-14)	LF			
3	BARRIER SIDE STREETS (14 EA) (ASSUME 1 SIDE) (SHT 15-21)	LF			
4	TRENCH SAFETY ACT	DA			
5	MAINTENANCE OF TRAFFIC	DA			
6	BARRICADE @ 6' OC (AVG PHASE LENGTH(916 LF) /6= 153 EA	DA			
7	TRAFFIC LINES & MARKINGS (REMOVAL/TEMPORARY/NEW)	LF			
8	SAW CUT	LF			
9	ASPHALT DEMO (@ 6' WIDE)	SY			
10	EXCAVATION (6' WIDE X 7' DEEP)	CY			
11	BACKFILL	CY			
12	LIME BASE	SY			
13	1" ASPHALT	SY			
14	DEWATERING	DA			
15	REMOVE 6" WATER MAIN	LF			
16	16" DIP WM	LF			
17	16" 45 BEND	EA			
18	12" DIP WM	LF			
19	12" 90 BEND	EA			
20	12" 45 BEND	EA			
21	12" 22-1/2 BEND	EA			
22	12" 11-1/4 BEND	EA			
23	12" X 12" TEE	EA			
24	12" X 8" TEE	EA			
25	12" X 6" TEE	EA			
26	12" X 4" TEE	EA			
27	12" X 8" REDUCER	EA			
28	12" GATE VALVE	EA			
29	12" BUTTERFLY VALVE	EA			
30	12" X 16" TS&V	EA			
31	8" DIP WM	LF			
32	8" GV	EA			
33	8" X 6" REDUCER	EA			
34	8" X 6" TEE	EA			
35	8" X 6" 90 BEND	EA			
36	8" X 8" TEE	EA			
37	8" X 8" CROSS	EA			
38	8" 90 BEND	EA			
39	8" 45 BEND	EA			
40	8" 22-1/2 BEND	EA			
41	8" 11-1/4 BEND	EA			
42	8" X 12" TAP SLEEVE	EA			
43	6" DIP WM	LF			
44	6" 90 BEND	EA			
45	6" 45 BEND	EA			
46	6" 11-1/4 BEND	EA			
47	6" X 6" TEE	EA			
48	6" GV	EA			
49	6" TIE IN TO XSTG	EA			
50	CUT AND PLUG XTG WM	EA			
51	4" DIP	LF			
52	4" GATE VALVE	EA			
53	4" X 4" TEE	EA			

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ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
54	RECONNECT METER	EA			
55	2" WATER MAIN POLYLINE	LF			
56	CONNECT TO WM	EA			
57	CONNECT TO FH	EA			
58	REINF CONC. SLAB (6")	SF			
59	SAMPLING POINTS	EA			
60	WATER METERS 1"	EA			
61	WATER METERS 2"	EA			
62	AIR RELEASES VALVES -WS4 SHT 23	EA			
63	RELO 6" GAS LINE	LS			
64	ALL PIPE POLY WRAPPED	SF			
65	12x6 CROSS	EA			
66	8X6 CROSS	EA			

SUB-TOTAL	
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SUMMARY OF ITEMS
SANITARY SEWER
(UPDATED 10/08)

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	BARRIER SIDE STREETS (EA) (ASSUME 1SIDE)	LF			
2	TRENCH SAFETY ACT	DA			
3	MAINTENANCE OF TRAFFIC	DA			
4	BARRICADE @ 6' OC (AVG PHASE LENGTH(227 LF) /6= 38 EA	DA			
5	TRAFFIC LINES & MARKINGS (REMOVAL/TEMPORARY/NEW)	LF			
6	SAW CUT	LF			
7	ASPHALT DEMO (@ 6' WIDE)	SY			
8	EXCAVATION (6' WIDE X 7' DEEP)	CY			
9	BACKFILL	CY			
10	LIME BASE	SY			
11	1" ASPHALT	SY			
12	DEWATERING	DA			
13	TEMP RECONNECTION	EA			
14	REM EXIST 18" TC-PIPE	EA			
15	REM EXIST MH	EA			
16	TIE INTO EXISTING	EA			
17	24" PVC	LF			
18	30" PVC	LF			
19	SANITARY MANHOLE	EA			
20	STORM CONFLICT MH	EA			

SUB-TOTAL	
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SUMMARY OF ITEMS
MILLING AND RESURFACING
(UPDATED 10/08)

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	MOBILIZATION	LS			
2	MAINTENANCE OF TRAFFIC	LS			
3	TRAFFIC CONTROL OFFICER	MH			
4	WORK ZONE SIGNS	ED			
5	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	ED			
6	ADVANCE WARNING ARROW PANEL	ED			

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ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
7	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED			
8	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA			
9	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	ED			
10	ROCK BAGS	EA			
11	FIELD OFFICE, 900 SQ FT	DA			
12	CLEARING & GRUBBING	LS			
13	PREPARED SOIL LAYER- FINISH SOIL LAYER, 6"	SY			
14	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY			
15	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN			
16	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5,	TN			
17	MISCELLANEOUS ASPHALT PAVEMENT	TN			
18	INLETS, DITCH BOTTOM, TYPE C, PARTIAL	EA			
19	INLETS, ADJUST	EA			
20	MANHOLE, ADJUST	EA			
21	DESILTING PIPE, 0 - 24"	LF			
22	DESILTING PIPE, 25 - 36"	LF			
23	TRENCH DRAIN, SPECIAL	LF			
24	PEDESTRIAN, BICYCLE RAILING, ALUMINUM ONLY, 42" PICKET RAIL	LF			
25	CONCRETE CURB & GUTTER, SPECIAL	LF			
26	CONCRETE CURB, TYPE D	LF			
27	VALLEY GUTTER- CONCRETE	LF			
28	SIDEWALK CONCRETE, 4" THICK	SY			
29	SIDEWALK CONCRETE, 6" THICK	SY			
30	PATTERNED / TEXTURED PAVEMENT, CONCRETE	SY			
31	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA			
32	GUARDRAIL -ROADWAY	LF			
33	GUARDRAIL POST SPECIAL	EA			
34	GUARDRAIL REMOVAL	LF			
35	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA			
36	GUARDRAIL END ANCHORAGE ASSEMBLY- PARALLEL	EA			
37	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE II	EA			
38	PERFORMANCE TURF, SOD	SY			
39	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM			
40	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS			
41	SPEED & LAW ENFORCEMENT OFFICER, STATE FURNISHED,	MH			
42	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS			
43	SINGLE POST SIGN, F&I, 12-20 SF	AS			
44	SINGLE POST SIGN, REMOVE	AS			
45	DELINEATOR SINGLE UNIT	EA			

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ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
46	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS			
47	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDER EXISTING	LF			
48	CABLE, SIGNAL, FURNISH & INSTALL	PI			
49	PULL & JUNCTION BOXES, F&I, PULL BOX	EA			
50	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS			
51	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIRECTIONS	AS			
52	LOOP ASSEMBLY- F&I, TYPE A	AS			
53	PEDESTRIAN DETECTOR, F&I, DETECTOR STATION, POLE OR	EA			
54	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA			
55	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA			
56	SIGNAL EQUIPMENT MISCELLANOUS REMOVE	PI			
57	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS			
58	TMS CABINET, F&I, TYPE IV, BASE MOUNT, 1 BACKPLANE	EA			

SUB-TOTAL					
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SUMMARY OF PROPOSALS TOTAL CONSTRUCTION COST (UPDATED 10/08)					
PROP. #	PROPOSAL DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	WATER MAIN	LS			
2	SANITARY SEWER	LS			
3	MILLING AND RESURFACING	LS			
	MOBILIZATION AND GENERAL CONDITIONS	LS			

TOTAL CONSTRUCTION COST		
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****AWARD WILL BE BASED ON TOTAL LUMP SUM BID. UNIT PRICING IS FOR INFORMATIONAL PURPOSES ONLY.****