



SPECTRA ENGINEERING & RESEARCH, INC.

1315 E Lafayette Street, Suite B, Tallahassee, FL 32301 • Tel: 850-656-9834 • Fax: 850-942-2717

4401 Vineland Road-Suite A6, Orlando, Florida 32811 • Tel: 407-951-8844 • Fax: 850-942-2717

ENGINEER'S OPINION OF PROBABLE COST FANTASY ISLAND RESORT 302 RONALD REAGAN PARKWAY

Public Infrastructure (Water & Sanitary Sewer)

	Item	Units	Total Quantity	Unit Cost	Cost
1	4" SANITARY	LF	38	\$ 40.90	\$ 1,554.20
2	4" GATE	EA	1	\$ 740.00	\$ 740.00
3	4" X 24" TAP AND VALVE	EA	1	\$ 1,600.00	\$ 1,600.00
4	8" PVC (MAIN)	LF	74.00	\$ 58.00	\$ 4,292.00
5	8" X 16" TAP VALVE	EA	1	\$ 1,600.00	\$ 1,600.00
6	4" WATER	LF	73	\$ 48.00	\$ 3,504.00
8	8" PVC GRAVITY	LF	494	\$ 54.38	\$ 26,863.72
9	6" PVC GRAVITY	LF	130	\$ 40.90	\$ 5,317.00
10	MANHOLE	EA	3	\$ 4,000.00	\$ 12,000.00
11	LIFT STATION PACKAGE	EA	1	\$32,750.00	\$ 32,750.00
12	4" MJ VALVE	EA	1	\$ 895.00	\$ 895.00
13	2" POLY (DOMESTIC)	LF	51	\$ 32.10	\$ 1,637.10
14	6" PVC (FIRE)	LF	51	\$ 60.50	\$ 3,085.50
15	8" PVC (MAIN)	LF	629	\$ 58.00	\$ 36,482.00
16	FIRE HYDRANT ASSEMBLY	EA	2	\$ 5,200.00	\$ 10,400.00
17	8 " GATE VALVE W/ BOX	EA	1	\$ 755.00	\$ 755.00
18	2" METER SETS	EA	3	\$ 855.00	\$ 2,565.00
19	2" BACKFLOW ASSEMBLY	EA	3	\$ 850.00	\$ 2,550.00
20	8" MASTER METER ASSEMBLY	EA	1	\$10,000.00	\$ 10,000.00
21	MISC FITTINGS	LS	1	\$ 250.00	\$ 250.00
22	TESTING	LS	1	\$ 875.00	\$ 875.00
Total					\$ 159,715.5
Public Infastucture (Within ROW)					
1	18" RCP	LF	99	\$ 48.00	\$ 4,752.00
2	FDOT P-1 INLET	EA	2	\$ 7,500.00	\$ 15,000.00
3	12" STABILIZED	SY	80	\$ 30.00	\$ 2,400.00
4	6" CONCRETE PAVEMENT	CY	14	\$ 35.00	\$ 490.00
5	D CURB	LF	370	\$ 15.00	\$ 5,550.00
6	E CURB	LF	67	\$ 15.00	\$ 1,005.00
7	VALLEY CURB	LF	83	\$ 7.00	\$ 581.00

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Website: www.spectraengr.com • E-mail: spectra@spectraengr.com



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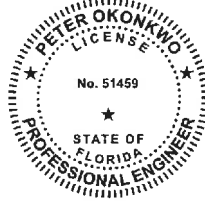
8	CROSSWALK	LS	1	\$ 800.00	\$ 800.00
9	STRIPING AND SIGNAGE	LS	1	\$ 750.00	\$ 750.00
10	4" SIDEWALK (ROW)	SY	138	\$ 42.00	\$ 5,796.00
11	SODDING	SF	1	\$ 4,509.00	\$ 4,509.00
12	24" RCP	LF	50	\$ 60.00	\$ 3,000.00
Total					\$ 44,633.0
Grand Total					\$ 204,348.5
10%- Retainage					\$ 20,434.85
Cost does not include permitting, insurance, bid bonds, easements, purchases, etc.					

SPECTRA ENGINEERING & RESEARCH, INC.

Peter
Okonkwo

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by Peter
Okonkwo
Date: 2025.08.20
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Peter Okonkwo, P.E.
President



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