

EXHIBIT A

SUNSET POINT & BETTY LANE UTILITY RELOCATIONS
City of Clearwater, Florida
Engineer's Opinion of Probable Cost - Final Submittal
October, 2017

Bid Item	Item Description	Quantity	Unit	Unit Price	Total Cost
1	Mobilization/Demobilization (3.5% Maximum)	1	LS	\$11,629	\$11,629
2	Maintenance of Traffic (1.5% Maximum)	1	LS	\$4,984	\$4,984
3	F&I 8" HDPE DR11 WM by Horizontal Directional Drill	300	LF	\$90	\$27,000
4	F&I 16" DI WM by Open Cut	510	LF	\$150	\$76,500
5	F&I 8" DI WM by Open Cut	60	LF	\$80	\$4,800
6	F&I 6" DI WM by Open Cut	50	LF	\$70	\$3,500
7	Remove & Dispose of Existing 16" DI WM	480	LF	\$20	\$9,600
8	Remove & Dispose of Existing 8" DI WM	40	LF	\$10	\$400
9	Remove & Dispose of Existing 6" DI WM	300	LF	\$10	\$3,000
10	F&I 16" Restrained Joints for DI Pipe	30	EA	\$200	\$6,000
11	F&I 8" Restrained Joints for DI Pipe	8	EA	\$150	\$1,200
12	F&I 8" Restrained Joints for HDPE Pipe	4	EA	\$140	\$560
13	F&I 6" Restrained Joints for DI Pipe	5	EA	\$120	\$600
14	F&I Compact DI Fittings	2,500	LB	\$11	\$27,500
15	F&I 16"x16" Tapping Sleeve & Valve	4	EA	\$12,000	\$48,000
16	F&I 8"x8" Tapping Sleeve & Valve	2	EA	\$7,000	\$14,000
17	F&I 6"x6" Tapping Sleeve & Valve	2	EA	\$5,000	\$10,000
18	F&I 16" Temporary Line Stop	4	EA	\$15,000	\$60,000
19	F&I 8" Temporary Line Stop	2	EA	\$10,000	\$20,000
20	F&I 6" Temporary Line Stop	2	EA	\$8,000	\$16,000
21	Root Pruning	50	LF	\$7.00	\$350
22	Tree Barricades	1	LS	\$1,000	\$1,000
23	Sod Restoration as Directed by the Owner or the Owner's Authorized Project Representative	100	SY	\$5	\$500
24	Unsuitable Material Excavation Below Grade as Directed by the Owner or the Owner's Authorized Project Representative	50	CY	\$15	\$750
25	Select Backfill Below Grade as Directed by the Owner or the Owner's Authorized Project Representative	50	CY	\$20	\$1,000
	Subtotal Estimated Construction Cost =				\$348,873
26	Contingency (10%)				\$34,887
	Total Estimated Construction Cost =				\$383,760
	County Construction/Contract Administration Cost (5%)				\$19,188
	Total Estimated Project Cost =				\$402,948