

**Exhibit A**  
**City of Pompano Beach**  
**Water System Interconnect Upgrade**  
**BCWWS - N.E. 22nd Ave and N.E. 25th St**

**Opinion of Construction Cost**

Line	Description	Estimated Quantity	Unit	Unit Price	Total
1	12' x 8' Precast concrete meter vault w/ hatches	1	EA.	\$20,000	\$20,000
2	10" turbine meter with strainer and MUI	2	EA.	\$20,200	\$40,400
3	10" gate valve (RJ)	4	EA.	\$6,000	\$24,000
4	10" swing flex check valve (FLG)	2	EA.	\$5,000	\$10,000
5	4" gate valve (FLG) w/ firehose adapter	2	EA.	\$2,000	\$4,000
6	10" restrained flanged coupling adapter	2	EA.	\$1,800	\$3,600
7	12" x 10" reducers (RJ x PE)	2	EA.	\$1,800	\$3,600
8	12" 45-degree bends (RJ)	2	EA.	\$1,800	\$3,600
9	12" 3-ft long DIP (PE x PE)	2	EA.	\$1,800	\$3,600
10	12" 1-ft long DIP (PE x PE)	2	EA.	\$900	\$1,800
10	10" 90-degree bends (RJ)	2	EA.	\$1,800	\$3,600
11	10" x 4" Tee (FLG)	2	EA.	\$1,100	\$2,200
12	10" Tee (RJ)	2	EA.	\$1,100	\$2,200
13	10" 4-ft long DIP (FLG x FLG)	4	EA.	\$1,300	\$5,200
14	10" 2-ft long DIP (PE x FLG)	2	EA.	\$1,600	\$3,200
15	10" 1-ft long DIP (PE x PE)	4	EA.	\$1,100	\$4,400
16	10" 0.5-ft long DIP (PE x PE)	2	EA.	\$600	\$1,200
17	Concrete Pipe Support	2	EA.	\$500	\$1,000
Subtotal:					\$135,400
General Requirements (2%):					\$2,708
Contingency (10%):					\$13,540
Total Opinion of Construction Cost:					\$150,000

**City of Pompano Beach  
Work Authorization No. X  
Water System Interconnect Upgrades  
BCWWS - N.E. 22nd Ave and N.E. 25th St  
Engineering Budget Estimate**

Task Description	Principal Engineer \$200 per hour		Engineer Intern \$85 per hour		Project Administrator \$50 per hour		Total Labor		Reimbursables	Total Budget
	hours	budget	hours	budget	hours	budget	hours	budget		
1.0 Basic Services During Construction										
1.1 Review of baseline project schedule and schedule of values	0.5	\$100	1	\$85	0.5	\$25	2	\$210		\$210
1.2 Conformed Contract Documents	0.5	\$100	1	\$85	1	\$50	2.5	\$235	\$250	\$485
1.3 Preconstruction Meeting	1	\$200	2	\$170	1	\$50	4	\$420		\$420
1.4 Administer construction contract (240 days & 2 WCDs assumed)	4	\$800	8	\$680	6	\$300	18	\$1,780		\$1,780
1.5 Respond to RFIs (2 assumed per interconnect)	4	\$800	12	\$1,020	6	\$300	22	\$2,120		\$2,120
1.6 Monthly Progress Meetings and site visits (12 assumed)	8	\$1,600	18	\$1,530	6	\$300	32	\$3,430		\$3,430
1.7 Review shop drawing submittals (20 assumed)	2.5	\$500	8	\$680	0	\$0	10.5	\$1,180		\$1,180
1.8 Review pay requests and schedules (11 assumed)	2.75	\$550	18	\$1,530	2.75	\$138	23.5	\$2,218		\$2,218
1.9 Perform milestone site visits (2 assumed per interconnect)	8.5	\$1,700	8.5	\$723	0	\$0	17	\$2,423		\$2,423
1.10 Project close-out and final submittals	10	\$2,000	24	\$2,040	16	\$800	50	\$4,840	\$250	\$5,090
1.11 SRF Administration (240 days assumed)	14	\$2,800	4	\$340	9.5	\$475	27.5	\$3,615		\$3,615
1.12 Additional Services	0	\$0	0	\$0	0	\$0	0	\$0		
<b>Total:</b>		\$11,150		\$8,883		\$2,438	181.5	\$22,470	\$500	<b>\$22,970</b>
<b>TOTAL NOT-TO-EXCEED FEE:</b>										<b>\$22,970</b>