

ENGINEER'S OPINION OF PROBABLE COST

WWTP IMPROVEMENTS

Item #	DESCRIPTION	UNITS	AMT	UNIT COST	TOTAL COST
DISCHARGE PIPING & OUTFALL					
1	6" Drilled FM	LF	6000.00	\$75.00	\$450,000.00
2	Valve Vault	EA	1.00	\$9,500.00	\$9,500.00
3	Flushing Manholes	EA	4.00	\$7,500.00	\$30,000.00
4	Air Release Structre	EA	2.00	\$10,000.00	\$20,000.00
5	Electrical Allowance	LS	1.00	\$5,000.00	\$5,000.00
6	Emergency Power Generator	LS	1.00	\$15,000.00	\$15,000.00
7	Equalization Tank ReWork	EA	1.00	\$10,000.00	\$10,000.00
7	Intermediate LS & Controls	EA	1.00	\$33,000.00	\$33,000.00
8	Outfall Structure	LS	1.00	\$41,000.00	\$41,000.00
FM & INTERMEDIATE LS SUBTOTAL					\$613,500
WWTP & SITE WORK					
9	Site Grading	LS	1.00	\$50,000.00	\$50,000.00
10	Access Drive	SYD	1200.00	\$50.00	\$60,000.00
11	Security Fencing	LF	500.00	\$30.00	\$15,000.00
12	Utilities & Site Electric	LS	1.00	\$75,000.00	\$75,000.00
13	UV Disinfection	LS	1.00	\$85,000.00	\$85,000.00
14	Building	SFT	1200.00	\$250.00	\$300,000.00
15	Pump Station	LS	1.00	\$25,000.00	\$25,000.00
16	Monitoring Wells	EA	4.00	\$7,500.00	\$30,000.00
17	AeroMod Package	LS	1.00	\$2,100,000.00	\$2,100,000.00
18	Tertiary Filters	LS	1.00	\$750,000.00	\$750,000.00
19	Emergency Power Generator	LS	1.00	\$100,000.00	\$100,000.00
AEROMOD & DISCHARGE SUBTOTAL					\$3,590,000

SITWORK SUBTOTAL = \$4,203,500

10% Construction Contingency = \$420,350

ESTIMATE OF CONSTRUCTION	\$4,623,850
CONTRACTOR MOBILIZATION/BONDS	\$277,431
ENGINEERING THROUGH CONSTRUCTION (10%)	\$462,385
BOND/LEGAL/FINANCIAL DOCUMENTS (3%)	\$138,716
TOTAL ESTIMATE FOR WWTP IMPROVEMENTS	\$5,502,382