

OPINION OF PROBABLE CONSTRUCTION COST

TETRA TECH

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PROJECT: WWTP Wet Weather Storage Tank
 LOCATION: Northfield, MI
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: Wet Weather Storage Tank Evaluation

DATE: 12/30/2015
 PROJECT NO. 200-12748-15003
 ESTIMATOR: MT
 CHECKED BY: _____
 CURRENT ENR: _____

ITEM NO.	DESCRIPTION	QUANT.	UNIT	UNIT AMOUNT	TOTAL AMOUNT
1					
2					
3	Bolted Steel Storage Tank	1	LS	\$700,000	\$700,000
4	Tank Concrete	1	LS	\$160,000	\$160,000
5	Vault - Concrete	1	LS	\$30,000	\$30,000
6	Excavation/Backfill	1	LS	\$60,000	\$60,000
7	Tank Fill, Site Work	1	LS	\$30,000	\$30,000
8	Piping and Valves	1	LS	\$290,000	\$290,000
9	Temporary Facilities	1	LS	\$50,000	\$50,000
10	8 Mile Pump Station - new pumps, electrical work	1	LS	\$260,000	\$260,000
11	Electrical/Instrumentation	1	LS	\$80,000	\$80,000
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	Subtotal				\$1,660,000
22	Contractor General Requirements	10	%		\$170,000
23	Engineering, Legal, Administrative, and Contingencies	40	%		\$740,000
24	Inflation to 2017 (say 10%)	10	%		\$257,000
25					
TOTAL CONSTRUCTION COST					\$2,830,000