



WTP Cost Opinion



Engineer's Opinion of Cost

- Based largely on recent bids and data provided by vendors
- Bid costs may be higher or lower

Construction Cost Opinions

2022 \$3.9 million

2024 \$4.4 million to 4.8 million const.

+\$400,000 engineering and financial = \$4.8 million to \$5.2 million



Differences

Item	2022	2024
Iron Filters	\$1,050,000	\$1,800,000 to \$2,200,000
Piping	\$580,000	\$510,000
Chemical Imp	\$430,000	\$460,000
Electrical	\$950,000	\$450,000
Building Improvements	\$0	\$430,000
Eng. & Contingency	\$890,000	\$1,150,000
TOTAL	\$3,900,000	\$4,800,000 to \$5,200,000

Why Differences?

- Construction cost inflation in all categories especially pressure filter cost
- Added additional contingency for inflation and Lenawee County bid environment
- More definition of scope
- Additional scope items (chemical building expansion)

How to Further Control Costs?

- Most products have multiple manufacturers that should foster competition and lower cost
- Aggressively recruit for general contractors (Toledo, Detroit, Jackson, etc.) to increase competition
- Bid soon (as soon as we get permits)
- If necessary, negotiate with selected bidder to remove items
- Observe contractor only at key times to lower engineering cost