



A **tyco** International Ltd. Company

# Red River - Biota WTP 100MLD Water Treatment Plant

Membrane Filtration - UV-Chlorine plus residuals treatment  
Conceptual Cost Estimate - Summary

Job No. 89638

17-Feb-08

## SUMMARY OF TOTAL PROJECT COSTS - EARTH TECH

Features	Construction Cost (2007 dollars)	Annual OM&R
Inlet	\$126,000	\$0.00
Biota Treatment – Micro-Filtration-UV-CL2	\$30,700,400	\$1,948,000
Booster Pump Station	\$3,171,000	\$128,000
<b>Contract Costs</b>	<b>\$33,997,400</b>	
Contingencies (21%+/-)	\$7,139,000	
<b>Field Cost</b>	<b>\$41,136,400</b>	
Non-Contract Costs (25%+/-)	\$10,284,000	
<b>Total Construction / OM&amp;R Costs</b>	<b>\$51,420,400</b>	<b>\$2,076,000</b>

- Notes: 1. Costs for Inlet and Booster Pump Station based on DEIS estimate  
2. Biota WTP costs include for low lift PS and residuals treatment and dewatering

Estimate assumes that plant construction costs are 20% greater than comparable DAF-Filtration-UV-Chlorine approach.