

PRELIMINARY OPINION OF PROBABLE COST
WTP Carbon System Relocation
CITY OF REIDSVILLE
NORTH CAROLINA
August-20

ITEM NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1	Mobilization	LS	4%	N/A	\$ 11,100
2	New Metal Building	LS	1	\$115,000	\$ 115,000
3	Carbon Feed System	LS	1	\$100,000	\$ 100,000
4	Chemical Feed Connections	EA	2	\$3,000	\$ 6,000
5	Water Line Connection	LS	1	\$12,000	\$ 12,000
6	Chemical Injection Manhole	LS	1	\$15,000	\$ 15,000
7	Electrical	LS	1	\$30,000	\$ 30,000
CONSTRUCTION SUBTOTAL					\$ 289,100
Contingencies (15%)					\$ 43,000
CONSTRUCTION TOTAL					\$ 332,100
Design and Permitting					\$ 33,000
Bidding and Award					\$ 5,000
Construction Administration and Observation					\$ 29,500
TOTAL PROJECT COST					\$ 399,600

Note: Estimate includes construction of a new powdered activated carbon feed system at the City's the water treatment plant, along with construction of a new metal building. This estimate does not include integration of the system for full automation with the SCADA system. This estimate of costs represents our judgment as professionals familiar with the construction industry, based on 2020 dollars. We cannot and do not guarantee that bids will not vary from this estimate.