

Preliminary Opinion of Probable Construction Cost
City of Boerne
Highway 46 Utility Relocations

HDR Engineering, Inc.
TBPE Firm Registration No. F-754

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	Unit	Unit Price	Quantity	Amount
Mobilization	9%		1	\$ 36,000
Preparing Right of Way	4%		1	\$ 16,000
Trench Excavation Safety Protection	LF	\$ 5.00	1050	\$ 5,000
Erosion and Sediment Control	LS	\$ 15,000	1	\$ 15,000
Traffic Control	LS	\$ 15,000	1	\$ 15,000
Jack and bore 16-inch waterline with 30-inch casing	LF	\$ 850	200	\$ 170,000
4-inch gas main installation	LF	\$ 80	600	\$ 48,000
6-inch gas main installation	LF	\$ 120	450	\$ 54,000
12-inch waterline casing extension	LF	\$ 410	50	\$ 21,000
2-inch gas main capping	LS	\$ 10,000	1	\$ 10,000
Site Restoration	LF	\$ 15	1050	\$ 16,000
Testing and appurtenances	LS	\$ 50,000	\$ 1	\$ 50,000
Subtotal				\$ 456,000
General Conditions			8%	\$ 32,000
Contractor Overhead and Profit			15%	\$ 61,000
Insurance			10%	\$ 40,000
Total Construction Opinion of Cost				\$ 589,000
Construction Contingency for Unknowns			30%	\$ 180,000
Project Total				\$ 769,000