

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

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

Prepared By: Michal Komorowski P.E.
June 15, 2017

	Unit	Unit Price	Quantity	Amount
Mobilization / Demobilization	LS	\$ 35,000	1	\$ 35,000
Traffic Control	LS	\$ 15,000	1	\$ 15,000
Trench Excavation Safety Protection	LF	\$ 5.00	1000	\$ 5,000
Erosion and Sediment Control	LS	\$ 15,000	1	\$ 15,000
OH Conductor / Neutral	LF	\$ 0.71	9000	\$ 6,390
UG Conductor / Neutral	LF	\$ 2.55	4000	\$ 10,200
Material - Overhead Electric Poles Relocation	EA	\$ 1,863	15	\$ 27,945
Labor - Overhead Electric Poles Relocation 5 X 10 Dist	DAYS	\$ 6,000.00	15	\$ 90,000
Material - Overhead Communication Poles Relocation	EA	\$ 611.00	7	\$ 4,277
Labor - Overhead Communication Poles Relocation 5 X 10 Dist	DAYS	\$ 6,000.00	4	\$ 24,000
Material - Underground Electric Relocation	LF	\$ 11.79	1000	\$ 11,790
Labor - Underground Electric Relocation 5 X 8 UG Dist	DAYS	\$ 6,723.00	8	\$ 53,784
Labor - Removal OH	DAYS	\$ 6,000.00	8	\$ 48,000
Site Restoration	LF	\$ 15	1600	\$ 24,000

Subtotal			\$ 370,386
General Conditions	8%	\$	27,000
Contractor Overhead and Profit	15%	\$	50,000
Insurance	10%	\$	34,000
Total Construction Opinion of Cost		\$	481,386
Construction Contingency for Unknowns	30%	\$	140,000
Project Total		\$	621,386