



Innovative approaches
Practical results
Outstanding service

OPINION OF PROBABLE CONSTRUCTION COSTS

PROJECT TITLE	Walmart Water Main Extension	DATE	6/12/2015
CLIENT	City of Seguin	GROUP	1147
% OF SUBMITTAL	75% Complete with Comments Incorporated	PM	Charles Kucherka, P.E.
ESTIMATOR	Charles Kucherka	CHECKED BY	FNI PROJECT NO.
		CAK	SEG14637

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
					\$1,515,791
	Trench Excavation Safety Protection Systems	8,305	LF	\$ 1.50	\$12,458
	Prepare ROW	83	STA	\$ 500.00	\$41,525
	Traffic Control	1	LS	\$ 10,000.00	\$10,000
	SWPPP	1	LS	\$ 12,000.00	\$12,000
	16" PVC Water Line	5,520	LF	\$ 85.00	\$469,200
	16" Water Line (Remove and Replace in Lawson)	640	LF	\$ 90.00	\$57,600
	12" PVC Water Line	667	LF	\$ 65.00	\$43,355
	8" PVC Water Line	1,288	LF	\$ 50.00	\$64,400
	6" PVC Water Line	97	LF	\$ 40.00	\$3,880
	4" PVC Water Line	10	LF	\$ 40.00	\$400
	24" Jack and Bore Steel Casing with 16" Carrier Pipe	225	LF	\$ 550.00	\$123,750
	24" Open Cut Steel Casing with 16" Carrier Pipe	83	LF	\$ 250.00	\$20,750
	16" Jack and Bore Steel Casing with 8" Carrier Pipe	120	LF	\$ 400.00	\$48,000
	8" PVC Installed by HDD	120	LF	\$ 200.00	\$24,000
	16" Water Line Tie-In	1	EA	\$ 7,500.00	\$7,500
	8" Water Line Tie-In	10	EA	\$ 3,000.00	\$30,000
	6" Water Line Tie-In	4	EA	\$ 2,500.00	\$10,000
	Asphalt Trench Repair	1,930	SY	\$ 35.00	\$67,550
	Remove Concrete Driveway	69	SY	\$ 12.00	\$828
	Replace Concrete Driveway	69	SY	\$ 60.00	\$4,140
	Remove Concrete Sidewalk	25	SY	\$ 9.00	\$225
	Replace Concrete Sidewalk	25	SY	\$ 60.00	\$1,500
	16" Gate Valve	13	EA	\$ 10,000.00	\$130,000
	12" Gate Valve	2	EA	\$ 2,500.00	\$5,000
	8" Gate Valve	9	EA	\$ 1,800.00	\$16,200
	6" Gate Valve	1	EA	\$ 1,200.00	\$1,200
	4" Gate Valve	1	EA	\$ 600.00	\$600
	Fire Hydrant Assembly	15	EA	\$ 4,000.00	\$60,000
	Remove Existing Fire Hydrant	4	EA	\$ 550.00	\$2,200
	Connect to Existing Fire Hydrant	1	EA	\$ 800.00	\$800
	Ductile Iron Fittings	18	TONS	\$ 6,500.00	\$117,000
	Tracer Wire Test Station	18	EA	\$ 300.00	\$5,400
	Waterline Testing and Disinfection	8,770	LF	\$ 1.00	\$8,770
	Air Release Valves	2	EA	\$ 3,000.00	\$6,000
	Water Service Reconnection	2	EA	\$ 1,500.00	\$3,000
	Water Service Relocation	1	EA	\$ 2,000.00	\$2,000
	3/4" Water Service	1	EA	\$ 2,000.00	\$2,000
	Hydromulch Seeding	9,330	SY	\$ 2.00	\$18,660
	Abandon 6" Water Lines and Fill with Flowable Fill	1,115	LF	\$ 20.00	\$22,300
	Abandon 8" Water Lines and Fill with Flowable Fill	612	LF	\$ 25.00	\$15,300
	Utility Markers	10	EA	\$ 150.00	\$1,500
	Tree Removal	1	LS	\$ 10,000.00	\$10,000
	12" Concrete Rip Rap	580	SY	\$ 60.00	\$34,800

SUBTOTAL:		\$1,515,791
OH & P	0%	\$0
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MOBILIZATION	5%	\$75,800
CONSTRUCTION SUBTOTAL		\$1,591,600
CONTINGENCY	15%	\$238,740

PROJECT CONSTRUCTION TOTAL \$1,830,340

NOTES:

- OH&P is included within unit prices.
- Conceptual Cost Estimate (11/21/2014) - \$1,283,880 (20% Contingency)
- 75% Cost Estimate (5/15/2015) - \$1,726,725 (15% Contingency)