

Client: City of Anna, Texas

Date: 1-Oct-15

Project: U.S. 75 Utility Relocation

By: GCH

Project Budget Summary and Responsibility

ENGINEER'S OPINION OF CONSTRUCTION COST

Item No.	Description	Texas Dept. of Transportation Responsibility				City of Anna Responsibility				City of Anna 12-inch Oversize Participation			
		Quantity	Units	Unit Price	Extended Amount	Quantity	Units	Unit Price	Extended Amount	Quantity	Units	Oversize Unit Price	Extended Amount
1	Right-of-Way Preparation	117	Sta.	\$ 250.00	\$ 29,220	5	Sta.	\$ 250.00	\$ 1,360				
2	Furnish & Install 8" P.V.C. Water Line (AWWA C-900, DR-18) by Open Cut with Embedment and All Fittings	11,688	L.F.	\$ 45.00	\$ 525,960	544	L.F.	\$ 45.00	\$ 24,480	10,119	L.F.	\$ 10.00	\$ 101,190
3	Furnish & Install 8" P.V.C. Water Line (AWWA C-900, DR-18) by Open Cut with Type "G" Concrete Embedment and All Fittings	291	L.F.	\$ 70.00	\$ 20,370	85	L.F.	\$ 70.00	\$ 5,950	212	L.F.	\$ 15.00	\$ 3,180
4	Furnish & Install 8" P.V.C. Water Line (AWWA C-900, DR-18) by Other Than Open Cut with 14" Steel Encasement (1/4" Thickness)	0	L.F.	\$ 350.00	\$ -	696	L.F.	\$ 350.00	\$ 243,600	696	L.F.	\$ 100.00	\$ 69,600
5	Furnish & Install 16" Steel Split Encasement Pipe on Existing 12" Water Line by Open Cut	0	L.F.	\$ 250.00	\$ -	65	L.F.	\$ 250.00	\$ 16,250				
6	Connect to Existing Water Service, Including Service Saddle and All Fittings to Connect to Existing Meter and Meter Box	17	Ea.	\$ 500.00	\$ 8,500	0	Ea.	\$ 750.00	\$ -				
7	Furnish & Install 8" Relient Seated Gate Valve (AWWA C509), Including Valve Stack, Valve Pad and Valve Extension	22	Ea.	\$ 2,400.00	\$ 52,051	9	Ea.	\$ 2,400.00	\$ 20,506	30	Ea.	\$ 1,100.00	\$ 33,255
8	Furnish & Install Standard Fire Hydrant and Fittings	23	Ea.	\$ 3,000.00	\$ 70,128	1	Ea.	\$ 3,000.00	\$ 3,264				
9	Connect to Existing 6" Water Line	5	Ea.	\$ 1,500.00	\$ 7,500	1	Ea.	\$ 1,500.00	\$ 1,500				
10	Connect to Existing 12" Water Line	3	Ea.	\$ 2,500.00	\$ 7,500	0	Ea.	\$ 2,500.00	\$ -				
11	Cut, Plug & Abandon 6" Water Line	4	Ea.	\$ 600.00	\$ 2,400	2	Ea.	\$ 600.00	\$ 1,200				
12	Cut, Plug & Abandon 12" Water Line	1	Ea.	\$ 1,000.00	\$ 1,000	0	Ea.	\$ 1,000.00	\$ -				
13	Furnish Erosion Control Plan	5	L.S.	\$ 1,500.00	\$ 7,500	1	L.S.	\$ 1,500.00	\$ 1,500				
14	Furnish, Install, Maintain and Remove Erosion Control Devices	11,979	L.F.	\$ 1.50	\$ 17,969	629	L.F.	\$ 2.00	\$ 1,258				
15	Furnish, Install, Maintain and Remove Traffic Control Devices	5	L.S.	\$ 5,000.00	\$ 25,000	1	L.S.	\$ 5,000.00	\$ 5,000				
16	Furnish Trench Safety Plan	5	L.S.	\$ 2,000.00	\$ 10,000	1	L.S.	\$ 2,000.00	\$ 2,000				
17	Furnish, Install, Maintain and Remove Trench Safety System	11,979	L.F.	\$ 1.50	\$ 17,969	629	L.F.	\$ 1.50	\$ 944				
18	Remove and Reset Existing Mailbox	17	Ea.	\$ 400.00	\$ 6,800	0	Ea.	\$ 400.00	\$ -				
19	Remove and Replace Concrete Sidewalk	64	S.Y.	\$ 56.00	\$ 3,603	0	S.Y.	\$ 56.00	\$ 25				
20	Remove and Replace Gravel Driveway	513	S.Y.	\$ 25.00	\$ 12,825	0	S.Y.	\$ 25.00	\$ -				
21	Remove and Replace Concrete Driveway	611	S.Y.	\$ 60.00	\$ 36,660	0	S.Y.	\$ 60.00	\$ -				
22	Remove and Replace Asphalt Pavement	127	S.Y.	\$ 45.00	\$ 5,715	0	S.Y.	\$ 45.00	\$ -				
	Subtotal:				\$ 868,669	0	0	\$ -	\$ 328,836				\$ 207,225
	Contingencies and Miscellaneous Items	15%			\$ 130,300	15%	0	\$ -	\$ 49,325	15%			\$ 31,084
	Construction Total:				\$ 998,969	0	0	\$ -	\$ 378,161				\$ 238,309
	Easement Acquisition	233,760	S.F.	\$ 0.50	\$ 116,880	10,880	S.F.	\$ 0.50	\$ 5,440				
	Engineering, Surveying, Platting, Construction Admin:			15.7%	\$ 157,000			15.7%	\$ 59,432			15.7%	\$ 37,453
	Quality Control & Materials Testing (3rd Party)			2.5%	\$ 24,974			2.5%	\$ 9,454			2.5%	\$ 5,958
	Inspection Services			2.5%	\$ 24,974			2.5%	\$ 9,454			2.5%	\$ 5,958
	Project Total:				\$ 1,322,797				\$ 461,942				\$ 287,677
	USE:				\$ 1,323,000				\$ 462,000				\$ 288,000
	PROJECT SUBTOTAL:				\$1,785,000								\$288,000
	PROJECT GRAND TOTAL:								\$2,073,000				
	Calculated Percent Participation excluding oversize cost:				74.12%				25.88%				100%
	Calculated Percent Participation with oversize cost included:				63.82%				36.18%				