



Detailed Scope of Work

To: Morgan Early
SKE Construction, LLC
15812 Drifting Rose Dr
Cypress, TX 77429
281-585-4100

From: Brent Costlow
BUY BOARD - City of Deer Park
701 E San Augustine
Deer Park, TX 77573
281-838-9969

Date Printed: November 27, 2017

Work Order Number: 054158.00

Work Order Title: City of Deer Park - Dow Park Water Line

Brief Scope: pipe project

Preliminary

Revised

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Project to occur behind curb in park area to tie into City Hall.

Scope to include:

- *Pre-Chlorinated pipe bursting of 6" existing waterline, replace with 6" HDPE SDR11 - approx 300 LF
- *Pre-Chlorinated pipe bursting of 4" existing waterline, up-size to 6" HDPE SDR11 - approx 1200 LF
- *Install 3 new MJ RW GV with box and thrust blocking
- *Reconnect new 6" to existing 4" waterline with 6" x 4" MJ reducer fitting
- *2- 40-50' point repairs by Open cut
- *Approx service re-connections to include 2 of each: 3/4", 1", 1-1/2" and 2" with saddle, corp, poly, curb and meter box.
- *Excavated areas to be back-filled with bank sand and sod restored
- *Anticipated completion time is 1 month - 30 cal days

Subject to the terms and conditions of JOC Contract **520-16 Area C - SKE**.

Contractor

Date

Owner

Date

Contractor's Price Proposal - Summary

Date: November 27, 2017

Re: IQC Master Contract #: 520-16 Area C - SKE
Work Order #: 054158.00
Owner PO #:
Title: City of Deer Park - Dow Park Water Line
Contractor: SKE Construction, LLC
Proposal Value: \$105,811.12

GV	\$3,830.37
Labor	\$20,281.28
Mob	\$300.00
Open Cut	\$4,200.73
PB	\$58,422.05
Restore	\$7,898.25
Service	\$6,543.82
WC	\$4,334.62
Proposal Total	\$105,811.12

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: 23.27%

Contractor's Price Proposal - Detail

Date: November 27, 2017

Re: IQC Master Contract #: 520-16 Area C - SKE
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 Owner PO #:
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 Contractor: SKE Construction, LLC
 Proposal Value: \$105,811.12

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
GV					
1	03 31 13 00 0046		CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	\$1,366.20
			Installation	Quantity 9.00 x Unit Price 151.80 x Factor 1.0000 = Total 1,366.20	
2	33 12 16 00 0040		EA	Valve Box Upper And Lower Section	\$207.96
			Installation	Quantity 3.00 x Unit Price 69.32 x Factor 1.0000 = Total 207.96	
3	33 12 16 00 0041		EA	Valve Box Cover "Water"	\$33.60
			Installation	Quantity 3.00 x Unit Price 11.20 x Factor 1.0000 = Total 33.60	
4	33 12 16 00 0307		EA	6" Resilient Wedge Gate Valve, Mechanical Joint	\$2,222.61
			Installation	Quantity 3.00 x Unit Price 740.87 x Factor 1.0000 = Total 2,222.61	
Subtotal for GV					\$3,830.37
Labor					
5	01 22 20 00 0015		HR	LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$5,954.00
			Installation	Quantity 200.00 x Unit Price 29.77 x Factor 1.0000 = Total 5,954.00	
			PM		
6	01 22 20 00 0015 0004		MOD	For Foreman, Add	\$298.00
			Installation	Quantity 200.00 x Unit Price 1.49 x Factor 1.0000 = Total 298.00	
7	01 22 23 00 0385		WK	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	\$14,029.28
			Installation	Quantity 4.00 x Unit Price 3,507.32 x Factor 1.0000 = Total 14,029.28	
Subtotal for Labor					\$20,281.28
Mob					
8	01 71 13 00 0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed TruckIncludes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$300.00
			Installation	Quantity 2.00 x Unit Price 150.00 x Factor 1.0000 = Total 300.00	
Subtotal for Mob					\$300.00
Open Cut					

Contractor's Price Proposal - Detail Continues..

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Open Cut							
9	01 22 23 00 0512	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator				\$3,964.48
		Installation	Quantity	Unit Price	Factor	Total	
			4.00	991.12	1.0000	3,964.48	
			x	x	=		
10	31 23 16 13 0010	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine				\$236.25
		Installation	Quantity	Unit Price	Factor	Total	
			125.00	1.89	1.0000	236.25	
			x	x	=		
		100'					
Subtotal for Open Cut						\$4,200.73	
PB							
11	02 32 19 00 0002	CY	Test, Entry/Exit Pit Excavation, Backfill And Compaction, By Machine, Unpaved Areas				\$2,823.75
		Installation	Quantity	Unit Price	Factor	Total	
			75.00	37.65	1.0000	2,823.75	
			x	x	=		
12	33 01 30 71 0011	EA	Initial Set-up Pipe Bursting Equipment				\$3,189.96
		Installation	Quantity	Unit Price	Factor	Total	
			1.00	3,189.96	1.0000	3,189.96	
			x	x	=		
13	33 11 13 23 0000	LF	Hercules 800G GrundoBurst Machine				\$24,000.00
		NPP Installation	Quantity	Unit Price	Factor	Total	
			1,500.00	16.00	1.0000	24,000.00	
			x	x	=		
14	33 11 13 23 0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe				\$22,200.00
		Installation	Quantity	Unit Price	Factor	Total	
			1,500.00	12.22	1.0000	18,330.00	
			x	x	=		
		Demolition	Quantity	Unit Price	Factor	Total	
			1,500.00	2.58	1.0000	3,870.00	
			x	x	=		
15	33 11 13 23 0430 0041	MOD	For DR 11 (160 PSI), Add				\$5,490.00
		Installation	Quantity	Unit Price	Factor	Total	
			1,500.00	3.66	1.0000	5,490.00	
			x	x	=		
16	33 13 00 00 0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method				\$388.34
		Installation	Quantity	Unit Price	Factor	Total	
			1.00	388.34	1.0000	388.34	
			x	x	=		
17	33 13 00 00 0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization				\$330.00
		Installation	Quantity	Unit Price	Factor	Total	
			1,500.00	0.22	1.0000	330.00	
			x	x	=		
Subtotal for PB						\$58,422.05	
Restore							
18	31 05 13 00 0002	CY	Sand, Bank Run				\$5,682.75
		Installation	Quantity	Unit Price	Factor	Total	
			75.00	75.77	1.0000	5,682.75	
			x	x	=		
		Backfill					
19	31 23 16 33 0020	CY	Loading Excess Material For Removal From Bulk Excavation				\$614.00
		Installation	Quantity	Unit Price	Factor	Total	
			200.00	3.07	1.0000	614.00	
			x	x	=		
20	32 92 23 00 0065	MSF	Up To 1,000 SF, St. Augustine Sod, Installed On Level Ground				\$1,601.50
		Installation	Quantity	Unit Price	Factor	Total	
			2.00	800.75	1.0000	1,601.50	
			x	x	=		

Contractor's Price Proposal - Detail Continues..

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Service										
35	33	12	16	00	0247	EA	1-1/2" Ball Corporation Valve			\$263.22
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	131.61 x	1.0000 =	263.22
36	33	12	16	00	0248	EA	2" Ball Corporation Valve			\$417.60
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	208.80 x	1.0000 =	417.60
Subtotal for Service										\$6,543.82
WC										
37	33	11	13	13	0385	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer			\$363.94
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	181.97 x	1.0000 =	363.94
						Reconnect				
38	33	11	13	13	0487	EA	6" Mechanical Joint Ductile Iron Long Sleeves			\$714.06
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	357.03 x	1.0000 =	714.06
						To new line				
39	33	11	13	13	0502	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nutsincludes four (4) 3/4" diameter plain finish Boltss with nut.			\$43.94
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	21.97 x	1.0000 =	43.94
40	33	11	13	13	0503	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And NutsIncludes six (6) 3/4" diameter plain finish Boltss with nut.			\$265.50
							Quantity	Unit Price	Factor	Total
						Installation	10.00 x	26.55 x	1.0000 =	265.50
41	33	11	13	13	0543	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)			\$408.68
							Quantity	Unit Price	Factor	Total
						Installation	2.00 x	204.34 x	1.0000 =	408.68
						Reconnect				
42	33	11	13	13	0544	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)			\$2,538.50
							Quantity	Unit Price	Factor	Total
						Installation	10.00 x	253.85 x	1.0000 =	2,538.50
Subtotal for WC										\$4,334.62
Proposal Total										\$105,811.12

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Subcontractor Listing

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Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00