GRDIAN[®]

Work Order Signature Document

ezIQC Buy Board Contract No.: 520-16 Area G - SKE										
	X New Work Order	Modify an Ex	kisting Work Order							
Work Order Numb	per.: 096704.00	Work Order Date:	09/01/2021							
Work Order Title:	City of Round Rock - Greenhill Su	bdivision Waterline								
Owner Name:	City of Round Rock	Contractor Name:	SKE Construction, LLC							
Contact:	Kit Perkins	Contact:	Karl Eberhart							
Phone:	512-341-3145	Phone:	281-585-4100							
Buy Board Contra	ned as per the Final Detailed Scope of V ct No 520-16 Area G - SKE. <u>Description:</u> rinated Pipe Bursting.	Vork Attached and as	per the terms and conditions of ezIQC							
Time of Perform	Estimated Completion Date	e: Will not apply:	X							
	n Fixed Price: \$2,022,746.67 ase Order Number:									
Approvals										

Owner

Date

Contractor

Date



Detailed Scope of Work

To: Karl Eberhart SKE Construction PO Box 1111	From: Kit Perkins City of Round Rock 1505 Lance Lane
Cypress, TX 774 281-585-4100	10 Round Rock, TX 78664 512-341-3145
Date Printed:	September 01, 2021
Work Order Number:	096704.00
Work Order Title:	City of Round Rock - Greenhill Subdivision Waterline
Brief Scope:	Greenhill Pre-chlorinated Pipe Bursting.
Preliminar	y Revised X 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.

Greenhill Pipe Bursting.

- 1. Traffic control, and trench safety per city specs.
- 2. Pre-chlorinated pipe bursting of 12,266LF of 6" waterline
- 3. Pre-chlorinated pipe bursting of 2,090LF of 8" waterline
- 4. Remove and replace 20 fire hydrants
- 5. (3) 8x1 short side services
- 6. (30) 8x1.5 long side dual services
- 7. (115) 6x1.5 short side dual services
- 8. (182) 6x1.5 long side dual services
- 9. (10) 6x1 short side services
- 10. Haul off excess excavated material
- 11. Restore sod, pavement, sidewalk, and curbs.

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

Date

Owner

Date

Contractor's Price Proposal - Summary

Date:	September 01, 2021		
Re:	IQC Master Contract #: Work Order #: Owner PO #:	520-16 Area G - SKE 096704.00	
	Title:	City of Round Rock - Greenhill Subdivision Waterline	
	Contractor: Proposal Value:	SKE Construction, LLC \$2,022,746.67	
Clean (Dut		\$962.51
Cut Off			\$3,529.76
FH			\$74,243.47
GV			\$79,980.74
Haul O	ff		\$25,558.70
Mobiliz	ation		\$0.00
Open C	Cut		\$8,463.26
РВ			\$1,036,182.14
Restor	ation		\$118,395.83
Service)		\$208,147.59
Site Wo	ork		\$210,203.06
SWPPF)		\$2,975.06
тср			\$16,417.80
wc			\$237,686.75

22.82%

Proposal Total

\$2,022,746.67

Thisl 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:

Contractor's Price Proposal - Detail

Date:	Septe	ember 01,	2021									
Re:		Vaster Cor Order #:	ntract #:)-16 Area G - 5 6704.00	SKE						
	Owne	er PO #:										
	Title:			-			ill Subdiv	ision Waterline				
		actor:			E Construction	ı, LLC						
	Propo	osal Value:		\$2,0	022,746.67							
	Sect.	Item	Mod.	UOM	Description	1						Line Total
Labor	Equip.	Material	(Excludes)									
Clean	33 11 13	23 0011		LF	6" Class 20		Polyvinyl	Chloride (PVC) F	Pressure P	Pine		\$270.26
,	00 11 10	20 00 11		L1	0 01033 20	Quantity	l Olyvillyi	Unit Price		Factor	Total	φ270.20
				Installat	lion	30.00	x	8.16	х	1.1040 =	270.26	
				Clean C	Jut							
2	33 31 00	00 0105		EA	6" Clean O	ut Tees With	n Plug, Po	olyvinyl Chloride (PVC) Sew	ver And Drain		\$692.25
						Quantity		Unit Price		Factor	Total	
				Installat	lon	4.00	x	156.76	х	1.1040 =	692.25	
				Clean C	Jut							
Subto	otal for Cl	ean Out										\$962.51
Cut C												
3	23 05 23	3 00 0016		EA	3/4" 200 PS	3I, Non Risir	ng Stem,	Crimped Bronze	Gate Valv	e		\$3,529.76
				Installat	tion	Quantity 45.00	x	Unit Price 71.05	x	Factor 1.1040 =	Total 3,529.76	
				Cut Off								
Subto	otal for Cu	ıt Off										\$3,529.76
FH												
4	33 11 13	3 13 0005		LF	6" Mechani	ical Joint Du	ctile Iron	Pipe				\$1,261.21
				Installati	tion	Quantity		Unit Price		Factor	Total 1,261.21	
						40.00	x	28.56	х	1.1040 =	1,201.21	
	22 44 42	42.0070		FH	0" ·· 0" Mar				Duetile Inc	a Underset Tele		
5	33 11 13	3 13 0276		EA	8 X 6 IVIEC		it x Flang	ged End (MJxFE)	Ductile Iro	2	- / /	\$2,533.37
				Installati	tion	Quantity 4.00	x	Unit Price 573.68	х	Factor 1.1040 =	Total 2,533.37	
				FH		4.00		010.00		1.1040		
6	33 11 13	3 13 0286		EA	6" x 6" Mec swivel glan		nt x Swive	el (MJxSW) Ducti	e Iron Hyd	drant TeeIncludes		\$6,442.83
					-	Quantity		Unit Price		Factor	Total	
				Installati	lon	14.00	х	416.85	х	1.1040 =	6,442.83	
				FH								
7	33 11 13	3 13 0289		EA	12" x 6" Me swivel glan	ıd.	int x Swiv	· ,	tile Iron Hy	ydrant TeeIncludes		\$2,089.19
				Installat	tion	Quantity 2.00	x	Unit Price 946.19	х	Factor 1.1040 =	Total 2,089.19	
				FH		2.00		540.15		1.1040		
8	33 11 13	3 13 0487		EA	6" Mechani	ical Joint Du	ctile Iron	Long Sleeves				\$3,844.68
						Quantity		Unit Price		Factor	Total	
				Installat	ion	10.00	x	348.25	x	1.1040 =	3,844.68	

Work Order Number:096704.00Work Order Title:City of Round Rock - Greenhill Subdivision Waterline

FH									
9	33 11 13 13 0503	EA 6" Mecha	nical Joint Gla	nd, Gask	et, T-Head Bolts	And Nuts	Includes six (6) 3/4	u.	\$1,905.23
		diameter	plain finish Bol	tss with	nut.				
		Installation	Quantity		Unit Price		Factor	Total	
			65.00	х	26.55	х	1.1040 =	1,905.23	
		FH							
10	33 11 13 53 0137		ter x 6" Epoxy mith-Blair 662		Carbon Steel Flai	nge, Stain	less Steel Tapping		\$1,021.28
		Installation	Quantity		Unit Price		Factor	Total	
		FH	1.00	х	925.07	х	1.1040 =	1,021.28	
11	33 12 16 00 0307		nt Wedge Gate	e Valve.	Mechanical Joint				\$15,826.94
			Quantity	, -	Unit Price		Factor	Total	\$10,0 <u>2</u> 0.01
		Installation	20.00	х	716.80	x	1.1040 =	15,826.94	
		FH							
12	33 12 19 00 0045	EA 4' Burial S	Section. 5-1/4"	Valve. T	wo Way, Standar	d Type (T	raditional) Fire		\$19,160.47
		Hydrant	, .	,	,	-) - (. ,
		Installation	Quantity		Unit Price		Factor	Total	
		Installation	10.00	х	1,735.55	x	1.1040 =	19,160.47	
		FH							
13	33 12 19 00 0047	EA 5' Burial S Hydrant	Section, 5-1/4"	Valve, T	wo Way, Standar	d Type (T	raditional) Fire		\$20,158.27
		Installation	Quantity		Unit Price		Factor	Total	
		Installation	10.00	х	1,825.93	х	1.1040 =	20,158.27	
					,				
		FH							
Subt	otal for FH	FH							\$74,243.47
Subt	otal for FH	FH							\$74,243.47
	otal for FH 33 12 16 00 0040		(Upper And Lc						\$74,243.4 \$5,556.15
GV		EA Valve Box					Factor	Total	
GV			(Upper And Lc		tion	x		Total 5,556.14	
GV		EA Valve Box	Cupper And Lo Quantity	ower Sec	tion Unit Price	x	Factor		
GV		EA Valve Box Installation GV	Cupper And Lo Quantity	ower Sec x	tion Unit Price	x	Factor		
GV 14	33 12 16 00 0040	EA Valve Boy Installation GV EA Valve Boy	Cupper And Lo Quantity 74.00	ower Sec x	tion Unit Price	x	Factor	5,556.14 Total	\$5,556.15
GV 14	33 12 16 00 0040	EA Valve Box Installation GV	< Upper And Lo Quantity 74.00	ower Sec x	tion Unit Price 68.01	x	Factor 1.1040 =	5,556.14	\$5,556.15
GV 14	33 12 16 00 0040	EA Valve Boy Installation GV EA Valve Boy	Cupper And Lo Quantity 74.00 Cover "Water Quantity	ower Sec x	tion Unit Price 68.01 Unit Price		Factor 1.1040 = Factor	5,556.14 Total	\$5,556.15
GV 14	33 12 16 00 0040	EA Valve Boy Installation GV EA Valve Boy Installation GV	Cupper And Lo Quantity 74.00 Cover "Water Quantity 74.00	ower Sec x ."	tion Unit Price 68.01 Unit Price	x	Factor 1.1040 = Factor	5,556.14 Total	\$5,556.15
GV 14 15	33 12 16 00 0040 33 12 16 00 0041	EA Valve Boy Installation GV EA Valve Boy Installation GV EA 6" Resilie	Cupper And Lo Quantity 74.00 Cover "Water Quantity 74.00	ower Sec x ."	tion Unit Price 68.01 Unit Price 10.88	x	Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total	\$5,556.15 \$888.85
GV 14 15	33 12 16 00 0040 33 12 16 00 0041	EA Valve Boy Installation GV EA Valve Boy Installation GV	< Upper And Lo Quantity 74.00 < Cover "Water Quantity 74.00 nt Wedge Gate	ower Sec x ."	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint	x	Factor 1.1040 = Factor 1.1040 =	5,556.14 Total 888.85	\$5,556.15 \$888.85
GV 14 15	33 12 16 00 0040 33 12 16 00 0041	EA Valve Boy Installation GV EA Valve Boy Installation GV EA 6" Resilie	 Upper And Lo Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 	ower Sec x ." x e Valve, l	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price	x	Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total 888.85 Total	\$5,556.15 \$888.85
GV 14 15	33 12 16 00 0040 33 12 16 00 0041	EA Valve Boy Installation GV EA Valve Boy Installation GV EA 6" Resilie Installation GV	Cover "Water Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00	ower Sec x ," x e Valve, l	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price	x	Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total 888.85 Total	\$5,556.15 \$888.85
GV 14 15 16	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307	EA Valve Box Installation GV EA Valve Box Installation GV EA 6" Resilie Installation GV EA 8" Resilie	Cover "Water Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00	ower Sec x ," x e Valve, l	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80	x	Factor 1.1040 = Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total 888.85 Total 28,488.50 Total	\$5,556.15 \$888.85 \$28,488.50
GV 14 15 16	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307	EA Valve Box Installation GV EA Valve Box Installation GV EA 6" Resilie Installation GV	 Cupper And Loc Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00 nt Wedge Gate 	ower Sec x ," x e Valve, l	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80 Mechanical Joint	x	Factor 1.1040 = Factor 1.1040 = Factor 1.1040 =	5,556.14 Total 888.85 Total 28,488.50	\$5,556.15 \$888.85 \$28,488.50
GV 14 15 16	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307 33 12 16 00 0308	EA Valve Box Installation GV EA Valve Box Installation GV EA 6" Resilie Installation GV EA 8" Resilie	 Upper And Lo Quantity 74.00 Cover "Water Quantity 74.00 Nedge Gate Quantity 36.00 Nedge Gate Quantity 	ower Sec x 	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80 Mechanical Joint Unit Price	x	Factor 1.1040 = Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total 888.85 Total 28,488.50 Total	\$5,556.15 \$888.85 \$28,488.50
GV 14 15 16	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307	EA Valve Boy Installation GV EA Valve Boy Installation GV EA 6" Resilie Installation GV EA 8" Resilie Installation GV	Cover "Water Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00 nt Wedge Gate Quantity 12.00	ower Sec x " x e Valve, l x e Valve, l x	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80 Mechanical Joint Unit Price	x x x	Factor 1.1040 = Factor 1.1040 = Factor 1.1040 = Factor	5,556.14 Total 888.85 Total 28,488.50 Total	\$5,556.15 \$888.85 \$28,488.50
GV 14 15 16 17	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307 33 12 16 00 0308	EA Valve Box Installation GV EA Valve Box Installation GV EA 6" Resilie Installation GV EA 8" Resilie Installation GV EA 12" Resili	Cover "Water Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00 nt Wedge Gate Quantity 12.00	ower Sec x " x e Valve, l x e Valve, l x	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80 Mechanical Joint Unit Price 1,037.53	x x x	Factor = F	5,556.14 Total 888.85 Total 28,488.50 Total 13,745.20	\$5,556.15 \$888.85 \$28,488.50 \$13,745.20
GV 14 15 16 17	33 12 16 00 0040 33 12 16 00 0041 33 12 16 00 0307 33 12 16 00 0308	EA Valve Boy Installation GV EA Valve Boy Installation GV EA 6" Resilie Installation GV EA 8" Resilie Installation GV	Cupper And Lo Quantity 74.00 Cover "Water Quantity 74.00 nt Wedge Gate Quantity 36.00 nt Wedge Gate Quantity 12.00 ent Wedge Ga	ower Sec x " x e Valve, l x e Valve, l x	tion Unit Price 68.01 Unit Price 10.88 Mechanical Joint Unit Price 716.80 Mechanical Joint Unit Price 1,037.53	x x x	Factor 1.1040 = Factor 1.1040 = Factor 1.1040 = Factor 1.1040 =	5,556.14 Total 888.85 Total 28,488.50 Total 13,745.20	\$5,556.15 \$888.85 \$28,488.50 \$13,745.20

Haul Off

Contractor's Price Proposal - Detail

Haul	Off								
19	01 74 19 00 0031	CY Excava	ted Dirt Landfill D	Dump Fe	e				\$3,903.74
		Installation	Quantity 400.00	x	Unit Price 8.84	x	Factor 1.1040 =	Total 3,903.74	
		Haul Off							
20	01 74 19 00 0032	CY Asphalt	, Concrete, Grav	el And S	Subgrade Materia	l, Landfill I	Dump Fee		\$10,327.92
		Installation	Quantity 500.00	x	Unit Price 18.71	x	Factor 1.1040 =	Total 10,327.92	
		Haul Off	500.00	~	10.71	X	1.1040		
21	01 74 19 00 0035		On Paved Road	ds, First	15 Miles				\$11,327.04
		-	Quantity		Unit Price		Factor	Total	. ,
		Installation	19,000.00	х	0.54	х	1.1040 =	11,327.04	
		Haul Off							
Subto	otal for Haul Off								\$25,558.7
lobi	lization								
22	01 71 13 00 0002	Flatbed dismant skid-ste scissor	TruckIncludes d tling, loading and er loaders (bobc	elivery o transpo ats), inc	of equipment, off l orting away. For e lustrial warehouse	oading on quipment e forklifts,	such as trenchers,		\$0.00
		la stallation	Quantity		Unit Price		Factor	Total	
		Installation	0.00	x	150.00	х	1.1040 =	0.00	
	00.04.00.74.0044	Mobilization							
23	33 01 30 71 0011	EA Initial S	et-up Pipe Bursti	ing Equi	-		Fastar	Tatal	\$0.00
		Installation	Quantity 0.00	x	Unit Price 2,985.10	x	Factor 1.1040 =	Total 0.00	
		Mobilization			_,				
24	33 13 00 00 0002	-	Up And Removir Iorination Metho		oment For Water N	Main Disin	fection/Sterilization,		\$0.00
		Installation	Quantity	v	Unit Price	x	Factor 1.1040 =	Total 0.00	
		Mobilization	0.00	х	362.04	~	1.1040		
Subto	otal for Mobilization								\$0.0
Jnon	n Cut								
25	31 23 16 13 0004	CY 12" Wid	le or Less. Exca	vation fo	r Trenching by Ma	achine in I	Loose Rock		\$5,221.92
			Quantity		Unit Price		Factor	Total	ψ0,221.02
		Installation	550.00	х	8.60	х	1.1040 =	5,221.92	
		Open Cut							
26	31 23 16 13 0010		ng or Placing Su Is by Machine	ıbbase f	or Trenches with	mported of	or Stockpiled		\$812.54
		Installation	Quantity		Unit Price		Factor	Total 812.54	
		Open Cut	400.00	х	1.84	х	1.1040 =	012.04	
27	31 23 16 13 0045	•	6" Wide 36" De	en Tren	ch, With Compact	ion			\$2,428.80
-1	0, 20, 10, 10, 00+0		Quantity	op rien	Unit Price		Factor	Total	φ ∠ , 4 ∠0.00
		Installation	5,000.00	x	0.44	x	1.1040	2,428.80	
		Open Cut							

Subto	otal fo	r Op	en Cut									\$8,463.26
РВ												
28	01 2	2 20	00 0015			erFor tasks not in ed by owner only.		the Construction	Task Cat	alog® and as		\$19,324.97
					Installation	Quantity		Unit Price		Factor	Total 19,324.97	
					PB	650.00	х	26.93	х	1.1040 =	19,324.97	
29	22 0	1 20	71 0012			et Up/Move Pipe I	Quratina [Equipmont				¢40,400,00
29	55 0	1 30	710012		LA Re-Se	Quantity	Suisting L	Unit Price		Factor	Total	\$49,433.26
					Installation	30.00	x	1,492.55	x	1.1040 =	49,433.26	
					PB							
30	33 0	1 30	71 0028		LF 6" Dia	meter, Static Hea	ad Pipe B	ursting				\$204,505.14
						Quantity		Unit Price		Factor	Total	
					Installation	11,186.00	х	16.56	х	1.1040 =	204,505.14	
					PB							
31	33 0	1 30	71 0029		LF 8" Dia	meter, Static Hea	ad Pipe B					\$46,644.55
					Installation	Quantity 2,290.00	x	Unit Price 18.45	x	Factor 1.1040 =	Total 46,644.55	
					PB	2,290.00	~	10.45	~	1.1040	,	
32	33 0	1 30	71 0031			ameter, Static He	ad Pipe	Bursting				\$63,216.81
						Quantity		Unit Price		Factor	Total	¢00,210.01
		Installation	2,410.00	х	23.76	х	1.1040 =	63,216.81				
					PB							
33	33 1	1 13	23 0000		LF Hercu	les 800G Grundo	Burst Ma	ichine				\$280,610.30
				NPP	Installation	Quantity		Unit Price		Factor	Total 280,610.30	
					PB	15,886.00	х	16.00	х	1.1040 =	200,010.30	
34	33 1	1 13	23 0430			21 Butt Eusion	loint High		long (HD	PE) Pressure Pipe		¢145 700 06
54	55 1	1 15	23 0430			Quantity	Joint Thgi	Unit Price		Factor	Total	\$145,722.26
					Installation	11,186.00	х	11.80	х	1.1040	145,722.26	
					PB							
35	33 1	1 13	23 0431		LF 8" DR	21, Butt Fusion	Joint High	Density Polyeth	ylene (HD	PE) Pressure Pipe		\$38,579.72
					la stallation	Quantity		Unit Price		Factor	Total	
					Installation	2,290.00	х	15.26	х	1.1040 =	38,579.72	
					PB							
36	33 1	1 13	23 0433		LF 12" DI		Joint Hig		hylene (Hl	DPE) Pressure Pipe		\$66,649.03
					Installation	Quantity 2,410.00	x	Unit Price 25.05	x	Factor 1.1040 =	Total 66,649.03	
					PB	2,410.00		20.00		1.1040		
37	33 1	1 13	23 1431		LF MOD	for 8" DR11 (200	PSI)					\$15,699.87
						Quantity		Unit Price		Factor	Total	• • • • • • •
				NPP	Installation	2,290.00	х	6.21	х	1.1040 =	15,699.87	
					PB							
38	33 1	1 13	23 1433		LF MOD	for 12" DR11 (200	PSI)					\$37,062.72
				NPP	Installation	Quantity	v	Unit Price	×	Factor	Total 37,062.72	
						2,410.00	х	13.93	х	1.1040 =	01,002.12	
					PB							

PB											
39	33 11 1	13 23 1441		LF MOD f	or 6" DR11 (200	PSI)					\$64,340.08
			NPP	Installation	Quantity		Unit Price		Factor _	Total	
					11,186.00	х	5.21	х	1.1040 =	64,340.08	
				PB							
40	33 13 (00 00 0005		LF 6" Diar		r Main Di	sinfection/Steriliza	ation			\$2,593.36
				Installation	Quantity 11,186.00	x	Unit Price 0.21	x	Factor 1.1040 =	Total 2,593.36	
				PB	11,100.00	~	0.21	X	1.1040		
41	33 13 (00 00 0006			neter Pipe Water	Main Di	sinfection/Steriliza	ation			\$682.60
					Quantity		Unit Price		Factor	Total	¢002.00
				Installation	2,290.00	х	0.27	х	1.1040 =	682.60	
				PB							
42	33 13 (00 00 0008		LF 12" Dia	ameter Pipe Wate	er Main D	isinfection/Steriliz	zation			\$1,117.47
				Installation	Quantity		Unit Price		Factor	Total	
				Installation	2,410.00	х	0.42	x	1.1040 =	1,117.47	
				PB							
ubto	tal for P	В									\$1,036,182.1
esto	ration										
43		13 00 0003		CY 3/8" M	nus, ASTM C33	, Screene	d/Washed Beddi	ng Sand			\$3,188.35
					Quantity		Unit Price		Factor	Total	
				Installation	80.00	х	36.10	х	1.1040 =	3,188.35	
				Restoration							
44	31 05 1	16 00 0004		CY #4 Sto	ne Aggregate Fil	l (3/4" To	1-1/2" Clean)				\$3,711.21
				Installation	Quantity		Unit Price	v	Factor	Total 3,711.21	
				Restoration	80.00	х	42.02	х	1.1040 =	0,711.21	
45	31 32	13 19 0003			nt Stabilized Base	o Motoria	1				¢7 005 00
40	51 52	15 15 0005		Celler	Quantity	e materia	Unit Price		Factor	Total	\$7,805.28
				Installation	100.00	х	70.70	x	1.1040	7,805.28	
				Restoration							
46	32 16 1	13 13 0020		LF 6" x 24	" Concrete Gutte	er With 6"	Curb And Face -	Straight			\$5,092.20
					Quantity		Unit Price		Factor	Total	
				Installation	250.00	х	18.45	x	1.1040 =	5,092.20	
				Restoration							
47	32 16 2	23 00 0004		SF 6" Cas	t In Place Concre	ete Sidew	/alk				\$71,853.29
				Installation	Quantity		Unit Price		Factor	Total 71,853.29	
					12,350.00	х	5.27	х	1.1040 =	71,000.20	
48	32 92 2	23 00 0065		Restoration MSF Up To	1,000 SF, St. Au	gustine S	od, Installed On	Level Grou	Ind		\$26,745.50
				- F	Quantity		Unit Price		Factor	Total	<i>+_3,0</i> .00
				Installation	40.00	x	605.65	х	1.1040 =	26,745.50	

6ervi 49		12	23 0010		LF 4" Clas	200 200 21	Dolyging	Chloride (PVC) P	Proceuro E	line		¢5 204 04
49	33 11	15	23 00 10				Polyvinyi		ressure P		-	\$5,391.94
					Installation	Quantity 1,100.00	x	Unit Price 4.44	x	Factor 1.1040 =	Total 5,391.94	
					Service							
50	33 11	13	23 1006		LF 1X100	CTS SDR9 HDF	PE PIPE 2	250#				\$2,561.28
				NPP	Installation	Quantity 2,000.00	x	Unit Price 1.16	x	Factor 1.1040 =	Total 2,561.28	
					Service							
51	33 11	13	23 1007		LF 1-1/2X	100 CTS SDR9	HDPE PI	PE 250#				\$7,054.56
						Quantity		Unit Price		Factor	Total	
				NPP	Installation	4,500.00	х	1.42	х	1.1040 =	7,054.56	
					Service							
52	33 11	13	23 1008		LF 2X100	CTS SDR9 HDF	PE PIPE 2	250#				\$1,228.75
						Quantity		Unit Price		Factor	Total	
				NPP	Installation	420.00	х	2.65	x	1.1040 =	1,228.75	
					Service							
53	33 11	13	39 1054		EA LF 1-1	/2X3/4 U48-63-0	G-NL U-BI	RANCH PC				\$26,220.49
				NPP	Installation	Quantity		Unit Price		Factor	Total	
					Installation	271.00	x	87.64	х	1.1040 =	26,220.49	
					Service							
54	33 11	13	53 0028					•	роху Соа	ted Ductile Iron Body	/	\$40,172.35
		Servic	e Saddle (Smith-	Blair 313) Unit Price		Factor	Total				
					Installation	Quantity 220.00	х	165.40	x	1.1040	40,172.35	
					Service	220.00		100.10		111010		
55	33 11	13	53 0032		EA 8" Dia	meter x 5/8" To 1	" Tan Doi	uble Bale Epoxy (Coated D	uctile Iron Body		\$180.69
					0 214	e Saddle (Smith-			ooulou Di	dollo non Dody		
					Installation	Quantity		Unit Price		Factor	Total	
					Installation	1.00	х	163.67	x	1.1040 =	180.69	
					Service							
56	33 11	13	53 0033					•	роху Соа	ted Ductile Iron Body	/	\$6,354.37
					Servic	e Saddle (Smith-	Blair 313) Unit Price		Fastar	Total	
					Installation	Quantity 31.00	х	185.67	x	Factor 1.1040 =	6,354.37	
					Service	01100						
57	33 11	13	53 0034			neter x 2" To 2-1	/2" Tan D	ouble Bale Enox	v Coated	Ductile Iron Body		\$211.66
						e Saddle (Smith-			y coulou	Buotilo non Body		φ211.00
					ha a ta Ula ti a m	Quantity		Unit Price		Factor	Total	
					Installation	1.00	х	191.72	х	1.1040 =	211.66	
					Service							
58	33 11	13	53 0039					ouble Bale Epoxy	Coated I	Ductile Iron Body		\$938.53
					Servic	e Saddle (Smith-	Blair 313	-		Fasta	T . (-1	
					Installation	Quantity 4.00	x	Unit Price 212.53	х	Factor 1.1040 =	Total 938.53	
					Service	7.00		212.00		1.1040		
59	33 11	13	53 0040			ameter x 1_1//" 7	To 1_1/2" .	Tap Double Bale	Enoxy Co	ated Ductile Iron		\$5,342.70
	II		20 00 10			Service Saddle (S		•				ψ0,0τ2.70
					-	Quantity		Unit Price		Factor	Total	
					Installation	20.00	х	241.97	x	1.1040 =	5,342.70	
					Service							

61	33 11	13					Smith-F	3lair 313)						
61	33 11	13					intity		Unit Price		Factor		Total	
61	33 11	13			Installation	n	5.00	x	249.64	x		= ·	1,378.01	
61	33 11	13			Service									
			53 0079			6" Diameter x 3/4 Service Saddle (Mueller			ble Straps				\$2,396.56
					Installatior	2	ntity 0.00	x	Unit Price 217.08	x	Factor 1.1040	= ;	Total 2,396.56	
					Service		0.00		211.00		1.1010			
62	33 11	13	53 0080			6" Diameter x 1-' Service Saddle (•	tainless Steel Do	ouble Strap	os, Bronze Boo	ły		\$264.12
					Installatior	n	intity		Unit Price		Factor	_	Total 264.12	
							1.00	x	239.24	X	1.1040	-	204.12	
62	00.40	10	00.0000		Service	400.04/2010.000.000		01 D	Dis dia Matan Da					
63	33 12	10	00 0036		EA	12" Wide x 16" L	-	6" Deep		DX And Co			T . (.)	\$1,612.94
					Installatior	2	ntity 0.00	x	Unit Price 146.10	x	Factor 1.1040	= ·	Total 1,612.94	
					Service		0.00							
64	33 12	16	00 0125		EA	3/4" Threaded, C	Class 15	50, Bronz	e Angle Valve					\$17,146.22
			Installatior	n	intity	v	Unit Price	v	Factor	= 1	Total 7,146.22			
					Service	300	0.00	х	51.77	х	1.1040		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
65	33 12	2 16	00 0246			1" Ball Corporation	on Valv	۵						\$1,104.72
00	00 12	. 10	00 02 10		E, (intity	0	Unit Price		Factor		Total	φ1,10 4 .72
					Installation	n	5.00	x	66.71	x	1.1040	= ·	1,104.72	
					Service									
66	33 12	16	00 0247		EA	1-1/2" Ball Corpo	oration V	Valve						\$38,265.63
					Installatior		intity		Unit Price		Factor	- 0	Total	
						27	1.00	x	127.90	х	1.1040	= 38	8,265.63	
07	00.40		00.0040		Service									
67	33 12	16	00 0248		EA	2" Ball Corporatio		е			- .			\$1,579.76
					Installatior	Qua	ntity 7.00	x	Unit Price 204.42	x	Factor 1.1040	= ·	Total 1,579.76	
					Service		1.00		204.42		1.1040			
68	33 12	16	00 0257		EA	3/4" Ball Curb Va	alve							\$41,000.18
						Qua	intity		Unit Price		Factor	_ 4	Total	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					Installatior	542	2.00	х	68.52	x	1.1040	= 4	1,000.18	
					Service									
69	33 12	: 16	00 1036		EA	17X15 MTR BX		LID Dou					_	\$7,742.13
				NPP	Installatior	Qua n 31	intity 0.00	x	Unit Price 233.76	x	Factor 1.1040	= ;	Total 7,742.13	
					Service									
ubtot	al fo	· Se	rvice											\$208,147.5

Site V	Nork									
70	01 22 20 00 0036		Driver, LightFor t directed by own		included in the C	onstructior	n Task Catalog®		\$14,837.76	
			Quantity		Unit Price		Factor	Total		
		Installation	300.00	x	44.80	x	1.1040 =	14,837.76		
		Site Work								
71	01 22 23 00 0265		LB Capacity, 78" ne Operator	Wide, Tr	acked Skid-Stee	r Loader (E	Bobcat) With		\$58,496.48	
		Installation	Quantity 17.00	x	Unit Price 3,116.82	x	Factor 1.1040 =	Total 58,496.48		
		Site Work								
72	01 22 23 00 0267	DAY Hydrau	ulic Hammer Atta	chment F	or Skid-Steer Lo	aders			\$5,697.96	
		Installation	Quantity 30.00	x	Unit Price 172.04	x	Factor 1.1040 =	Total 5,697.96		
		Site Work								
73	01 22 23 00 0385	WK 11,000	LB Mini-Excava	tor With F	ull-Time Operato	or (Bobcat	337)		\$64,061.75	
			Quantity		Unit Price		Factor	Total		
		Installation	17.00	x	3,413.35	x	1.1040 =	64,061.75		
		Site Work								
74	01 22 23 00 0391	DAY 1 CY, 2 Operat		" Deep, 7	'5 HP, Loader-Ba	ickhoe Wit	h Full-Time		\$17,399.04	
		Installation	Quantity		Unit Price		Factor	Total 17,399.04		
			20.00	х	788.00	х	1.1040 -	17,555.04		
		Site Work							\$7,286.40	
75	02 41 19 13 0058	LF Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth								
		Installation	Quantity	x	Unit Price	x	Factor	Total 7,286.40		
		Site Work	5,000.00	^	1.32	^	1.1040 -	.,		
76	03 31 13 00 0035		6" Dy Direct Ch	ita Diaca	2 000 DEL Cono	rata Slah (Da Crada		* 14.007.00	
70	03 31 13 00 0035		-	ite, Place	3,000 PSI Conc	rete Slab (\$14,297.90	
		Installation	Quantity 100.00	x	Unit Price 129.51	x	Factor 1.1040 =	Total 14,297.90		
		Site Work	100.00		129.01		1.1040			
77	11 68 13 00 1689		/ide Ramp 16808	3					\$28,125.77	
			Quantity	5	Unit Price		Factor	Total	ψ20,123.11	
		Installation	6.00	x	4,246.04	x	1.1040	28,125.77		
		Site Work			.,					
ubto	otal for Site Work								\$210,203.0	
WPI	PP									
78	31 25 14 26 0003	LF 2' High	Silt Fence with	Stakes at	4' On Center				\$1,302.72	
		5	Quantity		Unit Price		Factor	Total	\$ 1,00 <u></u> 111	
		Installation	1,000.00	x	1.18	x	1.1040 =	1,302.72		
		SWPPP								
79	31 25 14 26 0028	EA Wattle	s (Sterile Straw F	Filled Roll	s), 12" x 20'				\$1,672.34	
			Quantity		Unit Price		Factor	Total		
		Installation	20.00	х	75.74	x	1.1040 =	1,672.34		
		SWPPP								
ubto	otal for SWPPP								\$2,975.0	
СР										

ТСР												
80	01 11	11	15 1000		LS Traffic	Control Plan Eng	gineer Siç	ned & Sealed				\$3,312.00
				NPP	La stalla Cara	Quantity		Unit Price		Factor	Total	
				NEE	Installation	1.00	х	3,000.00	х	1.1040 =	3,312.00	
81	01 22	20	00 0053		TCP HR Flagpe	roop For Troffic	Control					040.405.00
01	01 22	20	00 0055		пк гіадре	rson For Traffic Quantity	Control	Unit Price		Factor	Total	\$13,105.80
					Installation	440.00	x	26.98	x	1.1040 =	13,105.80	
					ТСР							
Subte	otal for	тс	P									\$16,417.8
wc												
82	33 11	13	13 0020		EA 6" Med	hanical Joint Du	ictile Iron	90 Degree Elbow				\$1,288.59
					Installation	Quantity		Unit Price		Factor	Total	
						4.00	х	291.80	х	1.1040 =	1,288.59	
83	22 11	10	13 0021		WC EA 8" Mec	haviaal Jaint Du						* + • • • • • • • • • • • • • • • • • •
03	55 H	15	13 002 1		EA o Med	Quantity		90 Degree Elbow Unit Price		Factor	Total	\$1,823.01
					Installation	4.00	x	412.82	х	1.1040	1,823.01	
					WC							
84	33 11	13	13 0035		EA 6" Med	hanical Joint Du	ictile Iron	45 Degree Elbow	,			\$1,620.23
					Installation	Quantity		Unit Price		Factor	Total	
						6.00	х	244.60	х	1.1040 =	1,620.23	
85	33 11	13	13 0036		WC EA 8" Mec	hanical laint Du	untilo Iron	45 Degree Elbow				¢0.005.04
00	55 H	13	13 0030		EA o Med	Quantity		Unit Price		Factor	Total	\$2,285.94
					Installation	6.00	x	345.10	x	1.1040 =	2,285.94	
					WC							
86	33 11	13	13 0107		EA 6" x 6"	Mechanical Joir	nt Ductile	Iron Tee				\$6,537.89
					Installation	Quantity		Unit Price		Factor	Total 6,537.89	
						14.00	x	423.00	х	1.1040 =	0,557.69	
	33 11	13	13 0109		WC EA 8" x 6"	Mechanical Joir	at Ductile	Iron Tee				¢4 505 47
07	55 11	10	10 0 10 0			Quantity		Unit Price		Factor	Total	\$4,595.47
					Installation	8.00	x	520.32	x	1.1040 =	4,595.47	
					WC							
88	33 11	13	13 0110		EA 8" x 8"	Mechanical Joir	nt Ductile	Iron Tee				\$2,044.17
					Installation	Quantity		Unit Price		Factor	Total	
					Installation	3.00	х	617.20	х	1.1040 =	2,044.17	
00	22 11	10	12 0117		WC	"Mashariaal la	int Dustile					<u> </u>
89	33 11	13	13 0117		EA 12" x 8	" Mechanical Jo	INT DUCTILE			Factor	Total	\$6,458.34
					Installation	Quantity 5.00	x	Unit Price 1,169.99	x	Factor 1.1040 =	Total 6,458.34	
					WC			,				
90	33 11	13	13 0119		EA 12" x 1	2" Mechanical J	oint Ducti	le Iron Tee				\$2,592.55
					In the line time.	Quantity		Unit Price		Factor	Total	
					Installation	2.00	х	1,174.16	х	1.1040 =	2,592.55	
					WC							

WC										
91	33 11 13 13 0385	EA 6" x 4" Mechanical Joint x Mechani	cal Joint Ductile Iron Red	ucer		\$1,584.81				
		Quantity Installation	Unit Price	Factor	Total 1,584.81					
		8.00 *	179.44 X	1.1040 =	1,304.01					
00	22 44 42 42 0207		and the Densities Income							
92	33 11 13 13 0387	EA 8" x 6" Mechanical Joint x Mechani				\$2,264.79				
		Quantity Installation 8.00 x	Unit Price 256.43 ×	Factor 1.1040 =	Total 2,264.79					
		WC	230.45	1.1040						
93	33 11 13 13 0442	EA 6" Mechanical Joint Ductile Iron Ca	DS			\$2,004.31				
		Quantity	Unit Price	Factor	Total	<i>q2,00</i>				
		Installation 10.00 X	181.55 ×	1.1040 =	2,004.31					
		WC								
94	33 11 13 13 0443	EA 8" Mechanical Joint Ductile Iron Ca	ps			\$1,144.10				
		Quantity	Unit Price	Factor	Total					
		Installation 4.00 x	259.08 X	1.1040 =	1,144.10					
	WC									
95	33 11 13 13 0487	EA 6" Mechanical Joint Ductile Iron Lo	ng Sleeves			\$16,147.66				
		Quantity	Unit Price	Factor	Total					
		Installation 42.00 x	348.25 ×	1.1040 =	16,147.66					
		WC								
96	33 11 13 13 0488	EA 8" Mechanical Joint Ductile Iron Lo	ng Sleeves			\$8,440.63				
		Quantity	Unit Price	Factor _	Total 8,440.63					
		15.00 ^	509.70 X	1.1040 =	0,440.03					
		WC								
97	33 11 13 13 0490	EA 12" Mechanical Joint Ductile Iron L	-			\$1,811.60				
		Quantity Installation 2.00 ×	Unit Price 820.47 ×	Factor 1.1040 =	Total 1,811.60					
		WC	820.47 X	1.1040	.,					
98	33 11 13 13 0503		T Lload Dalta And Nutal	$a = \frac{1}{2} \left(\frac{1}{2} \right) \left($		\$4,396.68				
90	55 11 15 15 0505	11 13 13 0503 EA 6" Mechanical Joint Gland, Gasket, T-Head Bolts And NutsIncludes six (diameter plain finish Boltss with nut.								
		Quantity	Unit Price	Factor	Total					
		Installation 150.00 X	26.55 ^x	1.1040 =	4,396.68					
		WC								
99 33	33 11 13 13 0504		8" Mechanical Joint Gland, Gasket, T-Head Bolts And NutsIncludes six (6) 3/4"							
		diameter plain finish Boltss with nu								
		Quantity Installation 50.00 ×	Unit Price 31.12 ^X	Factor 1.1040 =	Total 1,717.82					
		WC	31.12	1.1040						
100	33 11 13 13 0506		t T Head Rolts And Nuts	Includes eight (8)		\$505.30				
			12" Mechanical Joint Gland, Gasket, T-Head Bolts And NutsIncludes eight (8) 3/4" diameter plain finish Boltss with nut.							
		Quantity	Unit Price	Factor	Total					
		Installation 10.00 x	45.77 X	1.1040 =	505.30					
		WC								
101	33 11 13 13 0544	EA 6" Mechanical Joint Restraints For	Ductile Iron Pipe (Megalu	ıg 1100)		\$90,857.76				
		Quantity Installation 220.00 X	Unit Price	Factor	Total					
		550.00	249.39 X	1.1040 =	90,857.76					
		WC								

Work Order Number:096704.00Work Order Title:City of Round Rock - Greenhill Subdivision Waterline

33 11		13 0545		Installation WC	Quantity 115.00	x	or Ductile Iron Pi Unit Price 326.42 For Ductile Iron F	x	Factor 1.1040 =	Total 41,442.28	\$41,442.28
_	13	13 0547		EA 12" Me		estraints	For Ductile Iron F	Pipe (Mega	alua 1100)		
_	10	10 00 11				Solianto	TOT Ductile Iron 1				\$20,005.14
33 11				WC	30.00	x	Unit Price 604.02	x	Factor 1.1040 =	Total 20,005.14	φ20,00 3 .14
55 11	13	13 1036		EA 8 HYM	AX LONG BODY	COUP 8	8.54-9.84				\$4,223.20
			NPP	Installation	Quantity 8.00	x	Unit Price 478.17	x	Factor 1.1040 =	Total 4,223.20	
				WC							
33 11	13	13 1037		EA 6 HYM	AX LONG BODY	COUP 8	8.54-9.84				\$10,057.53
			NPP	Installation	Quantity 14.00	x	Unit Price 650.72	x	Factor 1.1040 =	Total 10,057.53	
33 11	13	13 1038				IP 13 15.	-14 41				\$1,426.39
	10	10 1000	NPP	Installation	Quantity 2.00	x	Unit Price 646.01	x	Factor 1.1040 =	Total 1,426.39	φ1, 4 20.35
00.44	40	50.0054									
33 11	13	53 0251		Installation	tile Iron Body, Or Quantity 2.00	nni Coup x	Dling System (Smi Unit Price 185.94	ith-Blair 44 x	Factor 1.1040 =	Total 410.56	\$410.56
3	3 11 3 11	3 11 13	3 11 13 13 1037 3 11 13 13 1038 3 11 13 53 0251	3 11 13 13 1037 NPP 3 11 13 13 1038 NPP 3 11 13 53 0251	WC 3 11 13 13 1037 EA 6 HYM NPP Installation WC 3 11 13 13 1038 EA 12 OS 3 11 13 13 1038 EA 12 OS NPP Installation WC WC 3 11 13 53 0251 EA 4" Duc	NPP Installation 8.00 WC WC WC 3 11 13 13 1037 EA 6 HYMAX LONG BODY NPP Installation Quantity 14.00 WC WC WC 3 11 13 13 1038 EA 12 OS HYMAX LB COU NPP Installation Quantity 2.00 3 11 13 53 0251 EA 4" Ductile Iron Body, Or Installation 2.00 WC Unattity	NPP Installation 8.00 x WC WC	NPP Installation 8.00 x 478.17 WC WC	NPP Installation 8.00 x 478.17 x WC X 650.72 X X WC X 646.01 X WC WC <td>NPP Installation 8.00 x 478.17 x 1.1040 = WC WC WC WC Installation 8.00 x 478.17 x 1.1040 = 3 11 13 13 1037 EA 6 HYMAX LONG BODY COUP 8.54-9.84 Factor = Factor = </td> <td>$NPP = Installation = 8.00 \times 478.17 \times 1.1040 = 4,223.20$ WC WC $S 11 13 13 1037 = EA = 6 HYMAX LONG BODY COUP 8.54-9.84$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC $S 11 13 13 1038 = EA = 12 \text{ OS HYMAX LB COUP 13.15-14.41}$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC $S 11 13 13 1038 = EA = 12 \text{ OS HYMAX LB COUP 13.15-14.41}$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 1,426.39$ WC $S 11 13 53 0251 = EA = 4^{\circ} \text{ Ductile Iron Body, Omni Coupling System (Smith-Blair 441)}$ $Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC WC $S 11 13 53 0251 = EA = 4^{\circ} \text{ Ductile Iron Body, Omni Coupling System (Smith-Blair 441)}$ $Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 700 \text{ for } 1.1040 = 700 \text{ for } 1.1040 for$</td>	NPP Installation 8.00 x 478.17 x 1.1040 = WC WC WC WC Installation 8.00 x 478.17 x 1.1040 = 3 11 13 13 1037 EA 6 HYMAX LONG BODY COUP 8.54-9.84 Factor = Factor =	$NPP = Installation = 8.00 \times 478.17 \times 1.1040 = 4,223.20$ WC WC $S 11 13 13 1037 = EA = 6 HYMAX LONG BODY COUP 8.54-9.84$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC $S 11 13 13 1038 = EA = 12 \text{ OS HYMAX LB COUP 13.15-14.41}$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC $S 11 13 13 1038 = EA = 12 \text{ OS HYMAX LB COUP 13.15-14.41}$ $NPP = Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 1,426.39$ WC $S 11 13 53 0251 = EA = 4^{\circ} \text{ Ductile Iron Body, Omni Coupling System (Smith-Blair 441)}$ $Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 10,057.53$ WC WC $S 11 13 53 0251 = EA = 4^{\circ} \text{ Ductile Iron Body, Omni Coupling System (Smith-Blair 441)}$ $Installation = Quantity = Unit Price = 700 \text{ for } 1.1040 = 700 \text{ for } 1.1040 = 700 \text{ for } 1.1040 for$

Subtotal for WC

\$237,686.75

\$2,022,746.67

Proposal Total

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: 22.82%

G[®]**RDIAN**[®]

Subcontractor Listing

Date:	September 01, 2021			
Re:	IQC Master Contract #: Work Order #: Owner PO #: Title: Contractor: Proposal Value:	520-16 Area G - SKE 096704.00 City of Round Rock - Greenhill Subdivision Waterline SKE Construction, LLC \$2,022,746.67		
Name of Contractor		Duties	Amount	%
No Subcontractors have been selected for this Work Order			\$0.00	0.00