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February 10, 2022

Jeff Jiang, P.E.
Assistant Director - ECSD
P.O. Box 229045
Hollywood, FL 33022-9045

BID 19-9119A/155007

Subject: City of Hollywood Deep Injection Well No. 3 and No. 4 Pump Station
Bid Tabulation

Dear Mr. Jiang:

This letter provides the Deep Injection Well No. 3 and No. 4 Pump Station bid tabulation provided for the City of Hollywood Project No. 19-9119A. On January 31, 2022 one (1) Contractor submitted a bid for the subject project – Cardinal Contractors, Inc. The bid tabulation prepared for the Cardinal Contractors, Inc. bid can be found attached to this letter.

If you have any questions or need anything further from us, please feel free to contact me.

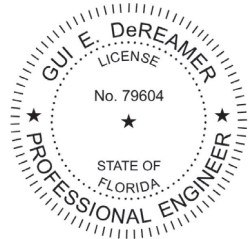
Very truly yours,

Brown and Caldwell

A handwritten signature in blue ink, appearing to read 'Gui DeReamer', written over a light blue horizontal line.

Gui DeReamer, P.E., Brown and Caldwell

Digitally signed by Gui E
DeReamer
DN: CN=Gui E DeReamer,
OU=A01410D0000017444
E5A6230000074E,
O=Unaffiliated, C=US
Date: 2022.02.10
13:07:58-05'00'



cc: Otis Thomas, City of Hollywood Financial Services Department
Wilhelmina Montero, P.E., City of Hollywood Department of Public Utilities
Marie Burbano, Ph.D., P.E., Project Engineer
Celia Earle, Ph.D., Brown and Caldwell
Nigel Grace, P.E., Brown and Caldwell
Mark Harber, P.E., Brown and Caldwell
Diego Herrera, P.E., Brown and Caldwell
Sydney Salit, E.I., Brown and Caldwell
Eli Tilen, P.E., Brown and Caldwell



Project Name	COH DIW No.3 and No.4 Pump Station
Project Number	19-9119
Bid Number	F-4696-21-OT
Date	2/10/2022
City	Hollywood, FL

					Cardinal Contractors, Inc.		
Bid Item No.	Description			Qty	Unit	Unit Price	Total
Phase 1							
Site Work and Demolition Bid Items							
1		Pipe Demolition	1	LS	\$ 500,000.00	\$ 500,000.00	
2		Site Demolition	1	LS	\$ 75,000.00	\$ 75,000.00	
3		Site Clearing	1	LS	\$ 150,000.00	\$ 150,000.00	
4		Site Grading	1	LS	\$ 150,000.00	\$ 150,000.00	
Site Work and Demolition Sub-Total					\$ 875,000.00		
Temporary Yard Piping Bid Items							
5		Concentrate pipe system	1	LS	\$ 150,000.00	\$ 150,000.00	
6		Drain pipe system	1	LS	\$ 25,000.00	\$ 25,000.00	
7		Temporary Pipe Decommissioning	1	LS	\$ 25,000.00	\$ 25,000.00	
Temporary Yard Piping Sub-Total					\$ 200,000.00		
Permanent Yard Piping Bid Items							
8		Sheet Piling	10900	SF	\$ 71.00	\$ 773,900.00	
9		Concentrate Pipe System South of Clarifiers	1	LS	\$ 520,000.00	\$ 520,000.00	
10		Concentrate Pipe System North Area	1	LS	\$ 300,000.00	\$ 300,000.00	
11		Secondary Effluent Pipe System and Fittings					
	a	54-inch Secondary DI Pipe, MJ	10	LF	\$ 2,700.00	\$ 27,000.00	
	b	54"x42" Secondary DI Reducer, MJ	1	EA	\$ 41,000.00	\$ 41,000.00	
	c	54-inch Secondary DI Plug, MJ	1	EA	\$ 49,000.00	\$ 49,000.00	
	d	42-inch Secondary DI Pipe, MJ	270	LF	\$ 2,000.00	\$ 540,000.00	
	e	42-inch Secondary 90° DI Bend, MJ	1	EA	\$ 31,000.00	\$ 31,000.00	
	f	42-inch Secondary 45° DI Bend, MJ	1	EA	\$ 24,000.00	\$ 24,000.00	
	g	42-inch Secondary 22.5° DI Bend, MJ	2	EA	\$ 22,500.00	\$ 45,000.00	
	h	42"x42" Secondary DI Tee, MJ	1	EA	\$ 47,000.00	\$ 47,000.00	
	i	42"x30" Secondary DI Tee, MJ	2	EA	\$ 35,000.00	\$ 70,000.00	
	j	30-inch Surge DI Pipe, MJ	50	LF	\$ 1,950.00	\$ 97,500.00	
	k	30-inch Surge 90° DI Bend, MJ	2	EA	\$ 14,000.00	\$ 28,000.00	
	l	30-inch Surge DI Cap, FLG	2	EA	\$ 8,000.00	\$ 16,000.00	

	m	16-inch Secondary DI Pipe, MJ	10	LF	\$ 1,950.00	\$ 19,500.00
12		Mixed Concentrate Pipe System and Fittings				
	a	42-inch Mixed Concentrate DI Pipe, MJ	40	LF	\$ 1,550.00	\$ 62,000.00
	b	42-inch Mixed Concentrate DI Wye, MJ	1	EA	\$ 89,000.00	\$ 89,000.00
	c	42"x30" Mixed Concentrate DI Reducer, MJ	1	EA	\$ 41,000.00	\$ 41,000.00
	d	42"x24" Mixed Concentrate DI Tee, MJ	1	EA	\$ 34,000.00	\$ 34,000.00
	e	30-inch Mixed Concentrate DI Pipe, MJ	210	LF	\$ 1,500.00	\$ 315,000.00
	f	30-inch Mixed Concentrate 22.5° DI Bend, MJ	1	EA	\$ 12,000.00	\$ 12,000.00
	g	30-inch Mixed Concentrate 90° DI Bend, MJ	2	EA	\$ 15,000.00	\$ 30,000.00
	h	24"x12" Concentrate DI Reducer, MJ	1	EA	\$ 6,000.00	\$ 6,000.00
	i	16"x12" Concentrate DI Reducer, MJ	1	EA	\$ 3,000.00	\$ 3,000.00
	j	16-inch Concentrate DI Plug, FLG	1	EA	\$ 4,000.00	\$ 4,000.00
	k	12-inch Concentrate DI Pipe, MJ	30	LF	\$ 350.00	\$ 10,500.00
	l	12-inch Concentrate Transition Coupling, MJ	1	EA	\$ 10,000.00	\$ 10,000.00
13		Sanitary Sewer System				
	a	Laterals	2	EA	\$ 1,000.00	\$ 2,000.00
	b	8-inch Sanitary PVC Pipe (8' to 10')	75	LF	\$ 150.00	\$ 11,250.00
	c	Coring of Existing Sanitary Sewer Manholes	1	EA	\$ 5,000.00	\$ 5,000.00
	d	Sanitary Sewer Manhole (8' to 10')	1	EA	\$ 8,000.00	\$ 8,000.00
	e	Coating of New Structures	1	EA	\$ 12,000.00	\$ 12,000.00
14		6-inch Backwash PVC Pipe	1	LS	\$ 17,000.00	\$ 17,000.00
15		Miscellaneous Water Main Modifications	1	LS	\$ 300,000.00	\$ 300,000.00
Permanent Yard Piping Sub-Total					\$ 3,600,650.00	

Structural, Process, Electrical, and I&C Bid Items						
16		Injection well No.3 and No. 4 Wellhead Piping, Fittings, and Valves				
	a	20-inch Plug Valve with Motor Operator, FLG	2	EA	\$ 120,000.00	\$ 240,000.00
	b	30-inch Butterfly Valve, FLG	2	EA	\$ 23,000.00	\$ 46,000.00
	c	6-inch Gate Valve, FLG	2	EA	\$ 10,000.00	\$ 20,000.00
	d	6-inch CARV, FLG	2	EA	\$ 16,000.00	\$ 32,000.00
	e	24x20-inch tee with blind flange, FLG	2	EA	\$ 40,000.00	\$ 80,000.00
	f	30x20-inch eccentric reducer, FLG	2	EA	\$ 21,000.00	\$ 42,000.00
	g	30-inch 90 deg bend, FLG	2	EA	\$ 26,000.00	\$ 52,000.00
	h	20-inch 45 deg bend, FLG	4	EA	\$ 9,000.00	\$ 36,000.00
	i	20-inch piping, FLG	30	LF	\$ 4,300.00	\$ 129,000.00
	j	30-inch piping, FLG	30	LF	\$ 4,800.00	\$ 144,000.00
	k	Pipe Supports	8	EA	\$ 1,800.00	\$ 14,400.00
	l	20-inch Mag Meter	2	EA	\$ 30,000.00	\$ 60,000.00
17		Injection Wells No. 3 and No.4 Slabs	1	LS	\$ 136,000.00	\$ 136,000.00
18		Monitoring Well No. 2 Slab and Piping	1	LS	\$ 149,000.00	\$ 149,000.00
19		Secondary 42-inch Valve Vault, Piping, Fittings, and Valves	1	LS	\$ 900,000.00	\$ 900,000.00
20		Concentrate 12-inch Valve Vault, Piping, Fittings, and Valves	1	LS	\$ 400,000.00	\$ 400,000.00

21		Concentrate 42-inch Valve Vault, Piping, Fittings, and Valves	1	LS	\$ 900,000.00	\$ 900,000.00
22		Miscellaneous Electrical	1	LS	\$ 853,000.00	\$ 853,000.00
23		Miscellaneous I&C	1	LS	\$ 120,000.00	\$ 120,000.00
24		All Other Miscellaneous Work	1	LS	\$ 50,000.00	\$ 50,000.00
Structural, Process, Electrical, and I&C Sub-Total					\$ 4,403,400.00	
Phase 1 (Bid Items 1-24) Sub-Total					\$ 9,079,050.00	
Phase 2						
Site Work and Demolition Bid Items						
25		Pipe and Above Ground Feature Demolition	1	LS	\$ 75,000.00	\$ 75,000.00
26		Site Clearing	1	LS	\$ 250,000.00	\$ 250,000.00
27		Site Grading	1	LS	\$ 125,000.00	\$ 125,000.00
28		All Other Miscellaneous Site Work and Demolition Items	1	LS	\$ 75,000.00	\$ 75,000.00
Site Work and Demolition Sub-Total					\$ 525,000.00	
Permanent Yard Piping Bid Items						
29		Sheet Piling	66000	SF	\$ 21.00	\$ 1,386,000.00
30		Sanitary Sewer (SAN) System				
	a	8-inch Sanitary PVC Pipe (4' to 6')	20	LF	\$ 190.00	\$ 3,800.00
	b	21-inch Sanitary PVC Pipe (4' to 6')	40	LF	\$ 500.00	\$ 20,000.00
	c	21-inch Sanitary PVC Pipe (8' to 10')	46	LF	\$ 525.00	\$ 24,150.00
	d	12-inch Sanitary PVC Pipe (4' to 6')	16	LF	\$ 360.00	\$ 5,760.00
	e	12-inch Sanitary PVC Pipe (6' to 8')	50	LF	\$ 360.00	\$ 18,000.00
	f	12-inch Sanitary PVC Pipe (8' to 10')	30	LF	\$ 400.00	\$ 12,000.00
	g	24-inch Sanitary PVC Pipe (8' to 10')	30	LF	\$ 1,800.00	\$ 54,000.00
	h	6-inch Sanitary PVC Pipe	20	LF	\$ 180.00	\$ 3,600.00
	i	Sanitary Sewer Manhole (4' to 6')	3	EA	\$ 15,000.00	\$ 45,000.00
	j	Sanitary Sewer Manhole (6' to 8')	4	EA	\$ 16,000.00	\$ 64,000.00
	k	Re-Coating Existing Structures	2	EA	\$ 15,000.00	\$ 30,000.00
	l	Coating of New Structures	7	EA	\$ 12,000.00	\$ 84,000.00
31		Process Drain (PD) System				
	a	24-inch Process Drain Pipe (0' to 4')	135	LF	\$ 700.00	\$ 94,500.00
	b	24-inch Process Drain Pipe (4' to 6')	196	LF	\$ 1,600.00	\$ 313,600.00
	c	4-inch Process Drain	30	LF	\$ 280.00	\$ 8,400.00
	d	8-inch Process Drain	20	LF	\$ 400.00	\$ 8,000.00
	e	Process Drain Manhole (2' to 4')	4	EA	\$ 23,000.00	\$ 92,000.00
	f	Coring of Existing Process Drain Manhole	1	EA	\$ 7,000.00	\$ 7,000.00
32		Storm Drain (STD) System				
	a	8-inch Storm Drain Pipe (0' to 4')	80	LF	\$ 130.00	\$ 10,400.00
	b	12-inch Storm Drain Pipe (0' to 4')	80	LF	\$ 150.00	\$ 12,000.00
	c	12-inch Storm Drain Pipe (4' to 6')	90	LF	\$ 160.00	\$ 14,400.00

	d	12-inch Storm Drain Pipe (6' to 8')	50	LF	\$ 175.00	\$ 8,750.00
	e	12-inch Storm Drain Pipe (10' to 12')	20	LF	\$ 325.00	\$ 6,500.00
	f	15-inch Storm Drain Pipe (6' to 8')	250	LF	\$ 200.00	\$ 50,000.00
	g	24-inch Storm Drain Pipe (0' to 4')	120	LF	\$ 300.00	\$ 36,000.00
	h	Storm Drain Catch Basin (0' to 4')	8	EA	\$ 11,000.00	\$ 88,000.00
	i	Storm Drain Catch Basin (4' to 6')	5	EA	\$ 12,000.00	\$ 60,000.00
	j	Storm Drain Catch Basin (6' to 8')	1	EA	\$ 13,000.00	\$ 13,000.00
	k	Coring of Storm Drain Manhole	1	EA	\$ 1,400.00	\$ 1,400.00
	l	Yard Drains	2	EA	\$ 10,000.00	\$ 20,000.00
	m	Mitered End	1	EA	\$ 9,000.00	\$ 9,000.00
	n	Headwall	1	EA	\$ 13,000.00	\$ 13,000.00
	o	12-Inch Culvert	50	LF	\$ 125.00	\$ 6,250.00
	p	18-inch Sotrm Drain Pipe (6' to 8')	110	LF	\$ 230.00	\$ 25,300.00
33		Chlorine Solution (CLS) System	1	LS	\$ 45,000.00	\$ 45,000.00
34		Concentrate (CON) System	1	LS	\$ 1,100,000.00	\$ 1,100,000.00
35		Force Main (FM) System				
	a	8-Inch Force Main Pipe	90	LF	\$ 325.00	\$ 29,250.00
	b	8-Inch 45° Bend Force Main	1	EA	\$ 950.00	\$ 950.00
	c	8-Inch 90° Bend Force Main	1	EA	\$ 975.00	\$ 975.00
	d	8-Inch X 4-Inch Reducer Force Main	1	EA	\$ 1,000.00	\$ 1,000.00
	e	8-Inch Plug Valve Force Main	1	EA	\$ 4,500.00	\$ 4,500.00
36		Non-Potable Water (NPW) System				
	a	2-Inch Non-Potable Water Pipe	300	LF	\$ 40.00	\$ 12,000.00
	b	2.5-Inch Non-Potable Water Pipe	40	LF	\$ 400.00	\$ 16,000.00
	c	4-Inch Non-Potable Water Pipe	60	LF	\$ 150.00	\$ 9,000.00
	d	16-Inch Non-Potable Water Pipe	450	LF	\$ 1,200.00	\$ 540,000.00
	e	12-Inch X 4-Inch Tap & Sleeve Non-Potable Water	1	EA	\$ 4,400.00	\$ 4,400.00
	f	12-Inch X 6-Inch DI Reducer Non-Potable Water	1	EA	\$ 1,400.00	\$ 1,400.00
	g	2-Inch 45° Bend Non-Potable Water	3	EA	\$ 275.00	\$ 825.00
	h	4-Inch X 2-Inch Reducer Non-Potable Water	1	EA	\$ 700.00	\$ 700.00
	i	90-Inch Bend 6-Inch Non-Potable Water	2	EA	\$ 900.00	\$ 1,800.00
	j	16-Inch 45° Bend Non-Potable Water	15	EA	\$ 3,200.00	\$ 48,000.00
	k	2-Inch Plug Valve Non-Potable Water	1	EA	\$ 1,400.00	\$ 1,400.00
	l	16-Inch Gate Valve Non-Potable Water	1	EA	\$ 17,000.00	\$ 17,000.00
	m	16-Inch Air Release Valve (ARV) Non-Potable Water	1	EA	\$ 28,000.00	\$ 28,000.00
37		Pressurized Process Drain (PPD) System				
	a	16-Inch Pressurized Process Drain Pipe	1300	LF	\$ 750.00	\$ 975,000.00
	b	16-Inch 11.25° Bend Pressurized Process Drain	2	EA	\$ 3,300.00	\$ 6,600.00
	c	16-Inch 22.5° Bend Pressurized Process Drain	5	EA	\$ 3,300.00	\$ 16,500.00
	d	16-Inch 45° Bend Pressurized Process Drain	23	EA	\$ 3,400.00	\$ 78,200.00
	e	16-Inch 90° Bend Pressurized Process Drain	1	EA	\$ 4,000.00	\$ 4,000.00
	f	16-Inch Air Release Valve (ARV) and Pressurized Process Drain	1	EA	\$ 28,000.00	\$ 28,000.00

38		Potable Water (PW) System				
	a	6-Inch Potable Water Pipe	150	LF	\$ 250.00	\$ 37,500.00
	b	12-Inch Potable Water Pipe	800	LF	\$ 400.00	\$ 320,000.00
	c	12-Inch 45° Bend Potable Water	12	EA	\$ 1,200.00	\$ 14,400.00
	d	12-Inch 6-Inch Tee Potable Water	4	EA	\$ 1,500.00	\$ 6,000.00
	e	12-Inch X 6-Inch DI Reducer Potable Water	1	EA	\$ 1,200.00	\$ 1,200.00
	f	6-Inch 90° Bend Potable Water	2	EA	\$ 750.00	\$ 1,500.00
	g	6-Inch 90° Bend MJ Potable Water	1	EA	\$ 750.00	\$ 750.00
	h	6-Inch Gate Valve Potable Water	4	EA	\$ 2,300.00	\$ 9,200.00
	i	12-Inch Gate Valve Potable Water	3	EA	\$ 5,000.00	\$ 15,000.00
	j	12-Inch Air Release Valve (ARV) Potable Water	1	EA	\$ 28,000.00	\$ 28,000.00
	k	Fire Hydrant	4	EA	\$ 2,800.00	\$ 11,200.00
39		Scum (SCUM) System	1	LS	\$ 175,000.00	\$ 175,000.00
40		Secondary Effluent (SEC) System				
	a	42-Inch Secondary Effluent Pipe	150	LF	\$ 2,300.00	\$ 345,000.00
	b	54-Inch Secondary Effluent Pipe	1100	LF	\$ 3,000.00	\$ 3,300,000.00
	c	64-Inch Secondary Effluent Pipe	60	LF	\$ 7,500.00	\$ 450,000.00
	d	42-Inch 45° Bend Secondary Effluent	5	EA	\$ 25,000.00	\$ 125,000.00
	e	54-Inch 22.5° Bend Secondary Effluent	2	EA	\$ 45,000.00	\$ 90,000.00
	f	54-Inch 36-Inch Tee Secondary Effluent	3	EA	\$ 92,000.00	\$ 276,000.00
	g	54-Inch 45° Bend Secondary Effluent	6	EA	\$ 58,000.00	\$ 348,000.00
	h	54-Inch 54-Inch Tee Secondary Effluent	1	EA	\$ 167,000.00	\$ 167,000.00
	i	54-Inch 90° Bend Secondary Effluent	7	EA	\$ 72,000.00	\$ 504,000.00
	j	54-Inch Sleeve Secondary Effluent	1	EA	\$ 60,000.00	\$ 60,000.00
	k	64-Inch X 54-Inch Reducer Secondary Effluent	2	EA	\$ 43,000.00	\$ 86,000.00
41		Seal Water (SW) System				
	a	2-Inch Seal Water Pipe	350	LF	\$ 51.00	\$ 17,850.00
	b	2-Inch 22.5° Bend Seal Water	2	EA	\$ 75.00	\$ 150.00
	c	2-Inch 45° Bend Seal Water	3	EA	\$ 75.00	\$ 225.00
	d	2-Inch 90° Bend Seal Water	5	EA	\$ 75.00	\$ 375.00
42		Waste Activated Sludge (WAS) System				
	a	6-Inch Waste Activated Sludge Pipe	600	LF	\$ 425.00	\$ 255,000.00
	b	6-Inch 11.25° Bend Waste Activated Sludge	1	EA	\$ 1,000.00	\$ 1,000.00
	c	6-Inch 22.5° Bend Waste Activated Sludge	4	EA	\$ 1,750.00	\$ 7,000.00
	d	6-Inch 45° Bend Waste Activated Sludge	8	EA	\$ 1,750.00	\$ 14,000.00
43		Sampling Line (SMP) System	1	LS	\$ 39,000.00	\$ 39,000.00
44		Water Services	2	EA	\$ 9,000.00	\$ 18,000.00
45		Pipe Encasement	100	LF	\$ 750.00	\$ 75,000.00
46		All Other Miscellaneous Permanent Yard Piping Items	1	LS	\$ 815,000.00	\$ 815,000.00
Permanent Yard Piping Sub-Total					\$ 13,231,660.00	
Civil, Structural, Process, Electrical, and I&C Bid Items						

47		Injection Well Pump Station No. 2 Strainer Improvements	1	LS	\$ 2,000,000.00	\$ 2,000,000.00
48		Plant Drain Pump Station Improvements	1	LS	\$ 1,600,000.00	\$ 1,600,000.00
49		Surge Tanks and Fuel Storage Tanks Improvemtns	1	LS	\$ 2,500,000.00	\$ 2,500,000.00
50		Existing Injection Well No. 1 and No. 2 Modifications	1	LS	\$ 1,200,000.00	\$ 1,200,000.00
51		Splitter Box Improvements at Clarifier No.2	1	LS	\$ 2,400,000.00	\$ 2,400,000.00
52		Injection Well Pump Station Building No.2	1	LS	\$ 33,000,000.00	\$ 33,000,000.00
53		Electrical Service and Generator Building	1	LS	\$ 30,000,000.00	\$ 30,000,000.00
54		Gravity Retaining Wall	1	LS	\$ 900,000.00	\$ 900,000.00
55		Sidewalks, Parking Pads, Stair Landing Pads, and Miscellaneous Concrete Pads	1	LS	\$ 100,000.00	\$ 100,000.00
56		Fuel Delivery Trench Box	75	LF	\$ 650.00	\$ 48,750.00
57		Concrete Curbs and Valley Gutters	1300	LF	\$ 25.00	\$ 32,500.00
58		Site Fill and Grading	1	LS	\$ 1,500,000.00	\$ 1,500,000.00
59		Guard Rails	80	LF	\$ 150.00	\$ 12,000.00
60		Installation of New Perimeter Fencing	750	LF	\$ 80.00	\$ 60,000.00
61		Geotechnical Instrumentation and Monitoring	1	LS	\$ 360,000.00	\$ 360,000.00
62		Low Voltage Power Circuit	5	EA	\$ 9,000.00	\$ 45,000.00
63		Control Circuit	5	EA	\$ 8,000.00	\$ 40,000.00
64		All Other Miscellaneous Civil, Structural, Process, Electrical, and I&C Items	1	LS	\$ 675,000.00	\$ 675,000.00
Civil, Structural, Process, Electrical, and I&C Sub-Total					\$ 76,473,250.00	
Roads and Site Restoration Bid Items						
65		Road Construction	5000	SY	\$ 48.00	\$ 240,000.00
66		Milling of Asphaltic Course to 1-inch Nominal Thickness	8000	SY	\$ 7.00	\$ 56,000.00
67		1.5-inch Thick (S-1) Asphaltic Concrete Structural Course for Trench Restoration.	1500	LF	\$ 62.00	\$ 93,000.00
68		1.5-inch Thick (SP9.5) Asphaltic Concrete Surface Course for Pavement Overlay	8000	SY	\$ 21.50	\$ 172,000.00
69		Install new thermoplastic or painted pavement markings, reflective pavement markers, and traffic signs	1	LS	\$ 5,000.00	\$ 5,000.00
70		Site Restoration	10000	SY	\$ 13.00	\$ 130,000.00
71		All Other Miscellaneous Road and Site Restoration Items	1	LS	\$ 10,000.00	\$ 10,000.00
Roads and Site Restoration Sub-Total					\$ 706,000.00	
72		South Electrical Service Center				
	a	Demolition	1	LS	\$ 50,000.00	\$ 50,000.00
	b	Civil/Site Work	1	LS	\$ 890,000.00	\$ 890,000.00
	c	Structural, Process, Electrical, and I&C	1	LS	\$ 4,000,000.00	\$ 4,000,000.00
General Bid Items						
73		Mobilization / Gen. Requirements	1	LS	\$ 3,000,000.00	\$ 3,000,000.00
74		Demobilization / Gen. Requirements	1	LS	\$ 2,200,000.00	\$ 2,200,000.00
75		Permit, Licenses, Fees, and Materials Testing Allowance	1	LS	\$ 500,000.00	\$ 500,000.00
76		Consideration for Indemnification	1	LS	\$ 250,000.00	\$ 250,000.00
77		Maintenance of Traffic, Including Design and Permitting	1	LS	\$ 250,000.00	\$ 250,000.00
General Sub-Total					\$ 6,200,000.00	

Phase 2 (Bid Items 25-77) Sub-Total					\$ 102,075,910.00	
78		Miscellaneous Work Allowance/Contingency	1	LS	\$ 3,000,000.00	\$ 3,000,000.00
79		Unforeseen Utility Locates or Break Repair	500	HR	\$ 500.00	\$ 250,000.00
80		Consideration for Indemnification	1	LS	\$ 10.00	\$ 10.00
Proposed Value Engineering / Offer of Savings						
81		Flexible Ball Joints - Delete all and replace with 2 MJ or Factory Restrained Joints	1	LS	\$ (950,000.00)	\$ (950,000.00)
82		Butterfly Valve change - delete rubber lined disc and rubber lined body - replace with epoxy lined body and 316ss disc.	1	LS	\$ (1,155,000.00)	\$ (1,155,000.00)
83		Temporary piping – Furnish and install temporary piping to connect existing deep injection well pump station to Deep Injection Wells 3 & 4. This pricing is based on connecting to the new magnetic flow meters at DIW 3 & 4 OR utilizing an owner - furnished strap on meter. We are willing to provide data loggers with the temporary piping at no additional cost to City of Hollywood if required by DEP.	1	LS	No Charge	\$ -
Proposed Value Engineering / Offer of Savings Sub-Total					\$ (2,105,000.00)	
Base Bid Total for Complete Project					\$ 112,299,970.00	