

APPLICATION FOR PAYMENT NO. 17

To: City of Deer Park (Owner)
From: CSA Construction, Inc. (Contractor)
Project/Contract: Surface Water Treatment Plant Solids Handling Improvements


CSA Project No. 2003
Engineer: Ardurra Group
For Work accomplished through the date of: December 8, 2023

1.	Original Contract Price:	\$ 4,453,685.00
2.	Net Change by Change Orders and Written Amendments:	\$ (194,322.00)
3.	Current Contract Price (1 plus 2)	\$ 4,259,363.00
4.	Total Completed to Date:	\$ 4,259,363.00
5.	Total Materials Stored to Date:	\$ 0.00
6.	0% Retainage:	\$ 0.00
7.	Total Completed and Stored to Date:	\$ 4,259,363.00
8.	Less Previous Application for Payments:	\$ 3,965,167.00
9.	DUE THIS APPLICATION (7 MINUS 8):	\$ 294,196.00

Accompanying Documentation: Schedule Of Values.

Certifications

Dated 12-20-2023 
CONTRACTOR: CSA Construction, Inc
Kenneth H. Schultz, Project Manager

Payment of the above AMOUNT DUE THIS APPLICATION is recommended. 
Dated 1-9-2024
ENGINEER: Ardurra Group

Dated _____
OWNER: City of Deer Park

REMIT PAYMENT TO:
CSA Construction, Inc.
2314 McAllister Rd.
Houston, Texas 77092
713-686-8868

CITY OF DEER PARK
 SURFACE WATER TREATMENT PLANT
 SOLIDS HANDLING IMPROVEMENTS

APPLICATION FOR PAYMENT No. 17
 PERIOD ENDING: 12/08/2023

CSA CONSTRUCTION, INC.

ITEM NO.	DESCRIPTION	TOTAL	Work In Place At End Of This Period	Values Of Work At Beginning Of Period	Increase During This Period	Balances To Be Performed	Percent Complete
MOBILIZATION							
1	BONDS AND INSURANCE	68,000	68,000	68,000	0	0	100.00%
2	MOBILIZATION	112,000	112,000	112,000	0	0	100.00%
SITework							
3	SWPPP	12,000	12,000	12,000	0	0	100.00%
4	LANDSCAPING	6,700	6,700	6,700	0	0	100.00%
5	SITE GRADING	8,000	8,000	7,200	800	0	100.00%
6	SEEDING	2,000	2,000	0	2,000	0	100.00%
7	STORM DRAINAGE PIPING	46,000	46,000	46,000	0	0	100.00%
8	CATCH BASINS	9,000	9,000	9,000	0	0	100.00%
9	CURB INLETS	16,000	16,000	16,000	0	0	100.00%
10	PAVING DEMOLITION	29,000	29,000	23,200	5,800	0	100.00%
11	CONCRETE PAVING	121,000	121,000	96,800	24,200	0	100.00%
12	PAVING SUBGRADE	22,000	22,000	22,000	0	0	100.00%
13	GRAVEL PAVING	4,800	4,800	0	4,800	0	100.00%
14	SIDEWALKS	4,300	4,300	4,300	0	0	100.00%
15	RETAINING WALL	11,000	11,000	11,000	0	0	100.00%
16	BOLLARDS	6,800	6,800	0	6,800	0	100.00%
SLUDGE THICKENER							
17	EARTHWORK	96,000	96,000	96,000	0	0	100.00%
18	BELOW SLAB PIPING	37,000	37,000	37,000	0	0	100.00%
19	CENTER PIER CONCRETE	33,000	33,000	33,000	0	0	100.00%
20	SLAB CONCRETE	187,000	187,000	187,000	0	0	100.00%
21	WALL CONCRETE	94,000	94,000	94,000	0	0	100.00%
22	TROUGH CONCRETE	37,000	37,000	37,000	0	0	100.00%
23	GROUT TOPPING	9,000	9,000	9,000	0	0	100.00%
24	ACCESS STAIRS	26,000	26,000	26,000	0	0	100.00%
25	PAINTING	27,700	27,700	27,700	0	0	100.00%
26	THICKENER EQUIPMENT	325,000	325,000	325,000	0	0	100.00%
27	WEIRS	36,000	36,000	36,000	0	0	100.00%
SLUDGE PUMP STATION							
28	EARTHWORK	19,200	19,200	19,200	0	0	100.00%
29	SLAB CONCRETE	26,400	26,400	26,400	0	0	100.00%
30	PAINTING	12,400	12,400	12,400	0	0	100.00%
31	SLUDGE PUMPS	156,000	156,000	156,000	0	0	100.00%
32	PIPING AND VALVES	62,000	62,000	62,000	0	0	100.00%
DEWATERING CONTAINERS							
33	EARTHWORK	33,000	33,000	33,000	0	0	100.00%
34	BELOW SLAB PIPING	27,600	27,600	27,600	0	0	100.00%
35	SLAB CONCRETE	121,000	121,000	121,000	0	0	100.00%
36	WALL CONCRETE	16,400	16,400	16,400	0	0	100.00%
37	MISCELLANEOUS METALS	16,300	16,300	16,300	0	0	100.00%
38	POLYDRAIN	16,800	16,800	16,800	0	0	100.00%
39	PAINTING	4,000	4,000	4,000	0	0	100.00%
40	DEWATERING CONTAINERS	216,000	216,000	216,000	0	0	100.00%
41	PIPING & VALVES	33,600	33,600	33,600	0	0	100.00%

ITEM NO.	DESCRIPTION	TOTAL	Work In Place At End Of This Period	Values Of Work At Beginning Of Period	Increase During This Period	Balances To Be Performed	Percent Complete
CONTINGENCY							
91	OWNER HELD CONTINGENCY	135,090	135,090	0	135,090	0	100.00%
EXTRA UNIT PRICES							
92	SLUDGE TANK WASTE REMOVAL & DISPOSAL 475 CY AT \$170/CY	80,750	80,750	0	80,750	0	100.00%
93	SLUDGE TANK WALL CRACK INJECTION 75 LF AT \$60/LF	4,500	4,500	0	4,500	0	100.00%
ADDITIVE ALTERNATE BID ITEMS							
94	EARLY STRENGTH PAVING CONCRETE 2,815 SY AT \$3/SY	8,445	8,445	0	8,445	0	100.00%
95	REPLACE 24" STR SWR WITH 36" STM SWR 460 LF AT \$220/LF	101,200	101,200	101,200	0	0	100.00%
CHANGE ORDERS							
96	NETWORK PANEL	17,721	17,721	0	17,721	0	100.00%
97	18" BWV REROUTE AT STORM DRAIN	15,342	15,342	0	15,342	0	100.00%
98	DEMOLITION OF CONC WALLS AT EXISTING TAN	1,400	1,400	0	1,400	0	100.00%
99	DELETE OWNER HELD CONTINGENCY	-135,090	-135,090	0	-135,090	0	100.00%
100	DELETE SLUDGE TANK WASTE REMOVAL	-80,750	-80,750	0	-80,750	0	100.00%
101	DELETE SLUDGE TANK CRACK INJECTION	-4,500	-4,500	0	-4,500	0	100.00%
102	DELETE EARLY STRENGTH PAVING CONCRETE	-8,445	-8,445	0	-8,445	0	100.00%
TOTAL		4,259,363.00	4,259,363.00	4,173,860.00	85,503.00	0.00	100.00%

ITEM NO.	DESCRIPTION	TOTAL	Work In Place At End Of This Period	Values Of Work At Beginning Of Period	Increase During This Period	Balances To Be Performed	Percent Complete
POLYMER SYSTEM							
42	EARTHWORK	16,700	16,700	16,700	0	0	100.00%
43	SLAB CONCRETE	28,000	28,000	28,000	0	0	100.00%
44	POLYDRAIN	3,000	3,000	3,000	0	0	100.00%
45	PAINTING	31,200	31,200	31,200	0	0	100.00%
46	METAL BUILDING	31,600	31,600	31,600	0	0	100.00%
47	POLYMER SYSTEM	155,000	155,000	155,000	0	0	100.00%
48	FRP POLYMER TANKS	36,500	36,500	36,500	0	0	100.00%
49	PROGRESSIVE CAVITY PUMPS	82,000	82,000	82,000	0	0	100.00%
50	PIPING & VALVES	11,000	11,000	11,000	0	0	100.00%
DRAIN PUMP STATION							
51	EARTHWORK	23,400	23,400	23,400	0	0	100.00%
52	WET WELL	38,900	38,900	38,900	0	0	100.00%
53	SLAB CONCRETE	10,100	10,100	10,100	0	0	100.00%
54	PAINTING	11,000	11,000	11,000	0	0	100.00%
55	SUBMERSIBLE PUMPS	60,300	60,300	60,300	0	0	100.00%
56	PIPING & VALVES	31,000	31,000	31,000	0	0	100.00%
EXISTING SLUDGE HOLDING BASINS MODIFICATIONS							
57	DEMOLITION	63,800	63,800	63,800	0	0	100.00%
58	SLUDGE AND GRIT REMOVAL	166,000	166,000	166,000	0	0	100.00%
59	CONCRETE WORK	17,000	17,000	17,000	0	0	100.00%
60	PAINTING	12,400	12,400	12,400	0	0	100.00%
61	BACKWASH WASTE RETURN PUMPS	56,000	56,000	56,000	0	0	100.00%
62	KNIFE GATE VALVES	116,000	116,000	116,000	0	0	100.00%
63	PIPING	36,000	36,000	36,000	0	0	100.00%
YARD PIPING							
64	6" RAW SLUDGE TO THICKENER	17,200	17,200	17,200	0	0	100.00%
65	6" SUPERNATANT TO DRN PUMP STAT	4,300	4,300	4,300	0	0	100.00%
66	8" THICKENED SLUDGE TO SLUDGE PUMPS	8,700	8,700	8,700	0	0	100.00%
67	6" THICKENED SLUDGE TO CONTAINERS	17,700	17,700	17,700	0	0	100.00%
68	4" DRAIN FROM CONTAINERS TO PUMP STAT	21,200	21,200	21,200	0	0	100.00%
69	6" DRAIN PUMP STAT TO SLDG HOLDING TANK	16,600	16,600	16,600	0	0	100.00%
70	6" DRAIN PUMP STAT TO LAGOON	70,000	70,000	70,000	0	0	100.00%
71	8" RETURN FLOW TO CASCADE AERATION	66,500	66,500	66,500	0	0	100.00%
72	POTABLE WATER	9,200	9,200	9,200	0	0	100.00%
ELECTRICAL							
72	UNDERGROUND CONDUIT	192,000	192,000	192,000	0	0	100.00%
73	WIRE IN UNDERGROUND CONDUIT	77,000	77,000	77,000	0	0	100.00%
74	IN-SLAB CONDUIT	12,000	12,000	12,000	0	0	100.00%
75	WIRE IN IN-SLAB CONDUIT	2,400	2,400	2,400	0	0	100.00%
76	EXPOSED INDOOR CONDUIT	23,000	23,000	23,000	0	0	100.00%
77	WIRE IN INDOOR CONDUIT	3,400	3,400	3,400	0	0	100.00%
78	EXPOSED OUTDOOR CONDUIT	57,000	57,000	57,000	0	0	100.00%
79	WIRE IN OUTDOOR CONDUIT	9,000	9,000	9,000	0	0	100.00%
80	GROUNDING	6,700	6,700	6,700	0	0	100.00%
81	INDOOR LIGHTING	5,000	5,000	5,000	0	0	100.00%
82	OUTDOOR LIGHTING	8,000	8,000	8,000	0	0	100.00%
83	SITE LIGHTING	11,000	11,000	11,000	0	0	100.00%
84	INDOOR DEVICES	2,000	2,000	2,000	0	0	100.00%
85	OUTDOOR DEVICES	4,400	4,400	4,400	0	0	100.00%
86	MOTOR TERMINATIONS	4,700	4,700	4,700	0	0	100.00%
87	SWITCHGEAR	72,000	72,000	72,000	0	0	100.00%
88	INSTRUMENTATION	86,000	86,000	86,000	0	0	100.00%
89	CONTROLS / SPECIAL SYSTEMS	108,000	108,000	102,600	5,400	0	100.00%
90	SECURITY SYSTEM / CCTV	24,800	24,800	23,560	1,240	0	100.00%
SUBTOTAL		4,123,700	4,123,700	4,072,660	51,040	0	100.00%