EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. Eight

	Application Period: 12/1/2020 - 1/1/2021	Application Date:	1/1/2021
To (Owner): City of Bloomfield	From (Contractor): Woodruff Construction LLC	Via (Engineer):	HR Green
Project: Waste Water System Improvements	Contract: Wastewater Treatment System Improvements		
Owner's Contract No.:	Contractor's Project No.: #20-038	Engineer's Project No.:	HRG #171462

Application For Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
CO#1		$352.52
TOTALS		$352.52
NET CHANGE BY CHANGE ORDERS	-$352.52	

1. ORIGINAL CONTRACT PRICE	$	$7,035,674.33
2. Net change by Change Orders	$	-$352.52
3. Current Contract Price (Line 1 ± 2)	$	$7,035,321.81
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)	$	$5,580,117.54
5. RETAINAGE:		
a. 5% X $5,580,117.54 Work Completed	$	$279,005.88
b. 5% X Stored Material	$	
c. Total Retainage (Line 5.a + Line 5.b)	$	$279,005.88
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	$	$5,301,111.66
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	$4,869,550.47
8. AMOUNT DUE THIS APPLICATION	$	$431,561.19
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)	$	$1,734,562.67

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: Date: 12/28/20

Payment of: $ $431,561.19
(Line 8 or other - attach explanation of the other amount)

is recommended by: Haley Jindrich (Engineer) 1/5/2021 (Date)

Payment of: $ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ Funding or Financing Entity (if applicable) _____ (Date)

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Wastewater Treatment System Improvements	Application Number:	Eight
Application Period:	12/1/2020 - 1/1/2021	Application Date:	1/1/2021

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
Division 1	General	$ 1,670,408.67	$1,646,908.68			$1,646,908.68	98.6%	$23,499.99
Division 2	Demo	$ 470,685.68	$129,890.20	$251,074.8		$380,965.00	80.9%	$89,720.69
Division 3	Concrete	$ 419,775.18	$242,551.88	$0.00		$242,551.88	57.8%	$177,223.30
Division 4	Masonry	$ 52,778.01	$52,778.01			$52,778.01	100.0%	
Division 5	Metals	$ 28,444.50	$2,844.45	$22,755.60		$25,600.05	90.0%	$2,844.45
Division 9	Finishes	$ 12,070.00	$10,863.00			$10,863.00	90.0%	$1,207.00
Division 22	Plumbing	$ 97,543.00	$72,602.00	$11,732.00		$84,334.00	86.5%	$13,209.00
Division 23	HVAC	$ 61,480.00	$15,370.00			$15,370.00	25.0%	$46,110.00
Division 25	Integrated Automation	$ 189,998.00	$22,207.82			$22,207.82	11.7%	$167,790.18
Division 26	Electrical	$ 490,926.00	$279,453.35	$50,455.80		$329,909.15	67.2%	$161,016.85
Division 27	Cable Distribution	$ 31,026.00	$15,513.00			$15,513.00	50.0%	$15,513.00
Division 31	Earthwork	$ 1,658,148.63	$1,295,559.56			$1,295,559.56	78.1%	$362,589.07
Division 32	Swing Gates	$ 28,399.90						$28,399.90
Division 33	Utilities	$ 681,099.81	$373,671.47	$104,133.53		$477,805.00	70.2%	$203,294.81
Division 35	Waterway and Marine Conctruction	$ 109,125.96	$98,198.56			$98,198.56	90.0%	$10,927.40
Division 44	Polution Control Equipment	$ 779,417.97	$779,417.97			$779,417.97	100.0%	
Division 46	Water and Wastewater Equipment	$ 254,347.02	$88,012.66	$14,123.20		$102,135.86	40.2%	$152,211.16
	Totals	**$7,035,674.33**	**$5,125,842.61**	**$454,274.93**		**$5,580,117.54**	79.3%	**$1,455,556.79**

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BID ITEMS							
	Description	Unit			Extended Price	Quantity Completed	Value Completed
1.01	Mobilization/test/misc	ls	1	1642908.68	$ 1,642,908.68	100%	$1,642,908.68
1.02	Geotechnical borings of fill material	ls	1	4000.00	$ 4,000.00	100%	$4,000.00
1.03	WWTP warning signs	ea	9	111.11	$ 999.99	0%	$0.00
1.04	WWTP Entrance sign Allowance	ea	1	6000.00	$ 6,000.00	0%	$0.00
1.05	Office room allowance	ls	1	15000.00	$ 15,000.00	0%	$0.00
1.06	Paintined Pavment markings	ls	1	1500.00	$ 1,500.00	0%	$0.00
					$ -	0%	$0.00
2.01	Demolition of existing Aeration	ls	1	3578.47	$ 3,578.47	50%	$1,789.24
2.02	Demo of existing lab building	ls	1	6000.00	$ 6,000.00	0%	$0.00
2.03	Plug abandoned piping	ls	1	5100.00	$ 5,100.00	70%	$3,570.00
2.04	Sludge removal	ls	1	380590.00	$ 380,590.00	85%	$323,501.50
2.05	Remove & replace trash basket LS 1100	ls	1	3757.27	$ 3,757.27	100%	$3,757.27
2.06	Remove & replace davit crane LS 1100	ls	1	5362.95	$ 5,362.95	0%	$0.00
2.07	Remove & Replace Parshal flume TK 1500	ls	1	10276.19	$ 10,276.19	100%	$10,276.19
2.08	Remove and replace bar screen TK 1500	ls	1	7420.80	$ 7,420.80	100%	$7,420.80
2.09	Relocat effluent sampler	ls	1	200.00	$ 200.00	75%	$150.00
2.10	Relocate pump cables LS 1100	ls	1	17900.00	$ 17,900.00	0%	$0.00
2.11	Existing berm restoration	ls	1	30500.00	$ 30,500.00	100%	$30,500.00
					$ -	0%	$0.00
3.01	Blower building concrete	ls	1	61955.12	$ 61,955.12	100%	$61,955.12
3.02	Generator foundation & pad	ls	1	8934.98	$ 8,934.98	100%	$8,934.98
3.03	Transformer pad	ls	1	1125.03	$ 1,125.03	100%	$1,125.03
3.04	Efflunet sampler pad	ls	1	466.45	$ 466.45	0%	$0.00
3.05	Equip pad - LS 1100 panel	ls	1	175.00	$ 175.00	0%	$0.00
3.06	Equip pad - LS 1240 panel	ls	1	175.00	$ 175.00	0%	$0.00
3.07	bollards	ea	3	482.59	$ 1,447.77	100%	$1,447.77
3.08	Concrete pier piping supports	ea	64	792.62	$ 50,727.68	30%	$15,218.30
3.09	Lagoon piping inlet pads	ea	4	2625.03	$ 10,500.12	50%	$5,250.06
3.10	PCC Drive 8"	sy	1422	77.77	$ 110,588.94	0%	$0.00
3.11	PCC Ramp	sy	38	182.56	$ 6,937.28	0%	$0.00
3.12	Sidewalk 4"	sy	48	71.92	$ 3,452.16	0%	$0.00
3.13	Swing gate footings	ls	1	439.00	$ 439.00	0%	$0.00
3.14	Lagoon cell 2 inlet MH 2160	ls	1	9456.00	$ 9,456.00	0%	$0.00
3.15	Bypass MH 2260	ls	1	10595.00	$ 10,595.00	100%	$10,595.00
3.16	Lagoon cells 3A MH 2320	ls	1	9292.00	$ 9,292.00	100%	$9,292.00
3.17	Lagoon control manhole MH 2360	ls	1	14051.00	$ 14,051.00	100%	$14,051.00
3.18	Primary splitter Structure TK 4010	ls	1	55087.77	$ 55,087.77	100%	$55,087.77
3.19	Secondary splitter structure	ls	1	56023.85	$ 56,023.85	100%	$56,023.85
3.20	SAGR Level control MH 7100	ls	1	3571.00	$ 3,571.00	100%	$3,571.00
3.21	Precast Top LS 110 & Valve Vault	ls	1	4774.03	$ 4,774.03	0%	$0.00
					$ -	0%	$0.00
4.01	Blower building masonry	ls	1	52778.01	$ 52,778.01	100%	$52,778.01
					$ -		$0.00
5.01	Aluminum Grating	sf	450	63.21	$ 28,444.50	90%	$25,600.05
					$ -		$0.00
9.01	Paints and coatings	ls	1	12070.00	$ 12,070.00	90%	$10,863.00
					$ -		$0.00
22.01	16" plug valve	ea	2	6683.00	$ 13,366.00	2.00	$13,366.00
22.02	20" plug valve	ea	1	13207.00	$ 13,207.00	1.00	$13,207.00

22.03	20" gate valve	ea	1	16439.00	$ 16,439.00	1.00	$16,439.00
22.04	4" butterfly valve	ea	21	619.00	$ 12,999.00	10.00	$6,190.00
22.05	6" butterfly valve	ea	3	810.00	$ 2,430.00	3.00	$2,430.00
22.07	12" butterfly valves	ea	2	2551.00	$ 5,102.00	2.00	$5,102.00
22.08	Plumbing fixtures	ls	1	20000.00	$ 20,000.00	75%	$15,000.00
22.09	Plumbing piping & specialties	ls	1	14000.00	$ 14,000.00	90%	$12,600.00
					$ -	0%	$0.00
23.01	Blower Building HVAC	ls	1	61480.00	$ 61,480.00	25%	$15,370.00
					$ -	0%	$0.00
25.01	LS 1100 control panel	ls	1	42189.00	$ 42,189.00	22%	$9,281.58
25.02	LS 1240 control panel	ls	1	36362.00	$ 36,362.00	22%	$7,999.64
25.03	Instuments & panels- 2 DO, 2 Ultrasonic	ls	1	29106.00	$ 29,106.00	0%	$0.00
25.04	Master & remote panels - blower SCADA	ls	1	41055.00	$ 41,055.00	12%	$4,926.60
25.05	SCADA software and programming	ls	1	41286.00	$ 41,286.00	0%	$0.00
					$ -	0%	$0.00
26.01	New generator and wiring	ls	1	176041.00	$ 176,041.00	85%	$149,634.85
26.02	Blower BLDG elec	ls	1	191194.00	$ 191,194.00	70%	$133,835.80
26.03	Power for LS 1240	ls	1	10475.00	$ 10,475.00	44%	$4,609.00
26.04	Replace service for exist maint & blower building	ls	1	39432.00	$ 39,432.00	40%	$15,772.80
26.05	Remote instrumentation power circuits	ls	1	26843.00	$ 26,843.00	40%	$10,737.20
26.06	New site pole lights	ea	2	3699.50	$ 7,399.00	20%	$1,479.80
26.07	Retrofit site pole lights with new lighting circuit	ea	8	4942.75	$ 39,542.00	35%	$13,839.70
					$ -	0%	$0.00
27.01	FO cable distubution	ls	1	31026.00	$ 31,026.00	50%	$15,513.00
`					$ -	0%	$0.00
31.01	site restoration	ls	1	57500.00	$ 57,500.00	25%	$14,375.00
31.02	excavation	ls	1	53000.00	$ 53,000.00	80%	$42,400.00
31.03	backfill	ls	1	66400.00	$ 66,400.00	75%	$49,800.00
31.04	new lagoon berms	ls	1	411500.00	$ 411,500.00	50%	$205,750.00
31.05	uniform graded rock	cy	17547	44.67	$ 783,824.49	100%	$783,824.49
31.06	equipment gravel	sf	2425	1.00	$ 2,425.00	20%	$485.00
31.07	gravel drive	sf	30500	1.50	$ 45,750.00	15%	$6,862.50
31.08	gravel overlay	sf	42490	1.00	$ 42,490.00	0%	$0.00
31.09	insulating mulch	cy	1950	18.41	$ 35,899.50	95%	$34,104.53
31.10	Geo fabric	sf	129016	0.25	$ 32,254.00	100%	$32,254.00
31.11	Wall framing and sheeting	lf	2064	51.26	$ 105,800.64	100%	$105,800.64
31.12	rip rap class E	ton	381	55.00	$ 20,955.00	361.88	$19,903.40
31.13	Rivier rock landscaping	ton	7	50.00	$ 350.00	0%	$0.00
					$ -	0%	$0.00
32.01	Metal swing gate 20'	ea	2	750.00	$ 1,500.00	0%	$0.00
32.02	Metal swing gate 16'	ea	1	600.00	$ 600.00	0%	$0.00
32.03	Metal swing gate 12'	ea	1	430.00	$ 430.00	0%	$0.00
32.04	Fencing	lf	3395	7.62	$ 25,869.90	0%	$0.00
					$ -	0%	$0.00
33.01	2" PE water service	lf	27	109.89	$ 2,967.03	100%	$2,967.03
33.02	4" PVC sanitary piping	lf	58	63.60	$ 3,688.80	100%	$3,688.80
33.03	12" PVC piping	lf	1039	59.35	$ 61,664.65	100%	$61,664.65
33.04	18" PVC piping	lf	629	74.80	$ 47,049.20	100%	$47,049.20
33.05	20" PVC certa lock piping	lf	1198	179.03	$ 214,477.94	25%	$53,619.49
33.06	21" PVC piping	lf	1190	107.52	$ 127,948.80	75%	$95,961.60
33.07	6" SS aeration Header piping	lf	7	1739.00	$ 12,173.00	100%	$12,173.00
33.08	8" SS aeration Header piping	lf	12	594.00	$ 7,128.00	30%	$2,138.40

33.09	10" SS aeration Header piping	lf	28	649.00	$ 18,172.00	100%	$18,172.00
33.10	12" SS aeration Header piping	lf	35	970.00	$ 33,950.00	100%	$33,950.00
33.11	4" HDPE Aeration header piping	lf	640	36.52	$ 23,372.80	100%	$23,372.80
33.12	6" HDPE Aeration header piping	lf	934	33.56	$ 31,345.04	90%	$28,210.54
33.13	8" HDPE Aeration header piping	lf	637	36.50	$ 23,250.50	90%	$20,925.45
33.14	10" HDPE Aeration header piping	lf	785	43.20	$ 33,912.00	100%	$33,912.00
33.15	12" HDPE Aeration header piping	lf	863	46.35	$ 40,000.05	100%	$40,000.05
					$ -		
35.01	Turtle Guard type 2	ea	4	200.00	$ 800.00	75%	$600.00
35.02	12" slide gates	ea	8	4326.45	$ 34,611.60	8.00	$34,611.60
35.03	18" slide gates	ea	4	4986.49	$ 19,945.96	4.00	$19,945.96
35.04	20" slide gates	ea	4	5298.00	$ 21,192.00	3.00	$15,894.00
35.05	21" slide gates	ea	6	5429.40	$ 32,576.40	5.00	$27,147.00
					$ -		
44.01	SAGR equipment installation	ls	1	706097.01	$ 706,097.01	100%	$706,097.01
44.02	SAGR HDPE liner	sf	76376	0.96	$ 73,320.96	100%	$73,320.96
					$ -	0%	$0.00
46.01	Install lagoon aeration equipment	ls	1	234171.02	$ 234,171.02	35%	$81,959.86
46.02	Baffle curtain	lf	260	77.60	$ 20,176.00	100%	$20,176.00
					$ -	0%	$0.00
CO1	Hardware/Electrical/Plumbing modifications	ls	1	-353	$ (352.52)	100%	-$352.52
					$ -	0%	$0.00
					$ -	0%	$0.00
					$ -	0%	$0.00
					$ -	0%	$0.00
	Total				**$ 7,035,321.81**	**79%**	**$ 5,579,765.01**