

Contractor's Application for Payment No. 16

Application Period: 11/17/21 - 11/30/21	Application Date: 12/2/2021
To (Owner): City of Bloomfield	From (Contractor): Woodruff Construction LLC
Project: Waste Water System Improvements	Via (Engineer): HR Green
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 #01		\$352.52
CO #02		\$6,000.00
CO #03	\$13,937.25	
CO #04 (days Only)		
CO #05	\$378.24	
CO #06	\$21,685.00	
CO #07	\$10,434.20	
TOTALS	\$46,434.69	\$6,352.52
NET CHANGE BY CHANGE ORDERS	\$40,082.17	

1. ORIGINAL CONTRACT PRICE.....	\$ 7,035,674.33
2. Net change by Change Orders.....	\$ 40,082.17
3. Current Contract Price (Line 1 ± 2).....	\$ 7,075,756.50
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates).....	\$ 7,075,756.50
5. RETAINAGE:	
a. X \$7,075,756.50 Work Completed.....	\$
b. X _____ Stored Material.....	\$
c. Total Retainage (Line 5.a + Line 5.b).....	\$
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$ 7,075,756.50
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ 6,721,968.68
8. AMOUNT DUE THIS APPLICATION.....	\$ 353,787.82
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above).....	\$

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: 12.2.21

Payment of: \$ 353,787.82
(Line 8 or other - attach explanation of the other amount)

is recommended by:  12/13/21
(Engineer) (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)

BID ITEMS							
	Description	Unit			Extended Price	Quantity Completed	Value Completed
1.01	Mobilization/test/misc	ls	1	\$1,642,908.68	\$1,642,908.68	100%	\$1,642,908.68
1.02	Geotechnical borings of fill material	ls	1	\$4,000.00	\$4,000.00	100%	\$4,000.00
1.03	WWTP warning signs	ea	9	\$111.11	\$999.99	100%	\$999.99
1.04	WWTP Entrance sign Allowance	ea	1	\$6,000.00	\$6,000.00	100%	\$6,000.00
1.05	Office room allowance	ls	1	\$15,000.00	\$15,000.00	100%	\$15,000.00
1.06	Painting Pavment markings	ls	1	\$1,500.00	\$1,500.00	100%	\$1,500.00
2.01	Demolition of existing Aeration	ls	1	\$3,578.47	\$3,578.47	100%	\$3,578.47
2.02	Demo of existing lab building	ls	1	\$6,000.00	\$6,000.00	100%	\$6,000.00
2.03	Plug abandoned piping	ls	1	\$5,100.00	\$5,100.00	100%	\$5,100.00
2.04	Sludge removal	ls	1	\$380,590.00	\$380,590.00	100%	\$380,590.00
2.05	Remove & replace trash basket LS 1100	ls	1	\$3,757.27	\$3,757.27	100%	\$3,757.27
2.06	Remove & replace davit crane LS 1100	ls	1	\$5,362.95	\$5,362.95	100%	\$5,362.95
2.07	Remove & Replace Parshal flume TK 1500	ls	1	\$10,276.19	\$10,276.19	100%	\$10,276.19
2.08	Remove and replace bar screen TK 1500	ls	1	\$7,420.80	\$7,420.80	100%	\$7,420.80
2.09	Relocat effluent sampler	ls	1	\$200.00	\$200.00	100%	\$200.00
2.10	Relocate pump cables LS 1100	ls	1	\$17,900.00	\$17,900.00	100%	\$17,900.00
2.11	Existing berm restoration	ls	1	\$30,500.00	\$30,500.00	100%	\$30,500.00
3.01	Blower building concrete	ls	1	\$61,955.12	\$61,955.12	100%	\$61,955.12
3.02	Generator foundation & pad	ls	1	\$8,934.98	\$8,934.98	100%	\$8,934.98
3.03	Transformer pad	ls	1	\$1,125.03	\$1,125.03	100%	\$1,125.03
3.04	Efflunet sampler pad	ls	1	\$466.45	\$466.45	100%	\$466.45

3.05	Equip pad - LS 1100 panel	ls	1	\$175.00	\$175.00	100%	\$175.00
3.06	Equip pad - LS 1240 panel	ls	1	\$175.00	\$175.00	100%	\$175.00
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	100%	\$50,727.68
3.09	Lagoon piping inlet pads	ea	4	\$2,625.03	\$10,500.12	100%	\$10,500.12
3.10	PCC Drive 8"	sy	1422	\$77.77	\$110,588.94	100%	\$110,588.94
3.11	PCC Ramp	sy	38	\$182.56	\$6,937.28	100%	\$6,937.28
3.12	Sidewalk 4"	sy	48	\$71.92	\$3,452.16	100%	\$3,452.16
3.13	Swing gate footings	ls	1	\$439.00	\$439.00	100%	\$439.00
3.14	Lagoon cell 2 inlet MH 2160	ls	1	\$9,456.00	\$9,456.00	100%	\$9,456.00
3.15	Bypass MH 2260	ls	1	\$10,595.00	\$10,595.00	100%	\$10,595.00
3.16	Lagoon cells 3A MH 2320	ls	1	\$9,292.00	\$9,292.00	100%	\$9,292.00
3.17	Lagoon control manhole MH 2360	ls	1	\$14,051.00	\$14,051.00	100%	\$14,051.00
3.18	Primary splitter Structure TK 4010	ls	1	\$55,087.77	\$55,087.77	100%	\$55,087.77
3.19	Secondary splitter structure	ls	1	\$56,023.85	\$56,023.85	100%	\$56,023.85
3.20	SAGR Level control MH 7100	ls	1	\$3,571.00	\$3,571.00	100%	\$3,571.00
3.21	Precast Top LS 1100 & Valve Vault	ls	1	\$4,774.03	\$4,774.03	100%	\$4,774.03
4.01	Blower building masonry	ls	1	\$52,778.01	\$52,778.01	100%	\$52,778.01
					\$0.00		\$0.00
5.01	Aluminum Grating	sf	450	\$63.21	\$28,444.50	100%	\$28,444.50
					\$0.00		\$0.00
9.01	Paints and coatings	ls	1	\$12,070.00	\$12,070.00	100%	\$12,070.00
					\$0.00		\$0.00
22.01	16" plug valve	ea	2	\$6,683.00	\$13,366.00	2.00	\$13,366.00
22.02	20" plug valve	ea	1	\$13,207.00	\$13,207.00	1.00	\$13,207.00
22.03	20" gate valve	ea	1	\$16,439.00	\$16,439.00	1.00	\$16,439.00

22.04	4" butterfly valve	ea	21	\$619.00	\$12,999.00	21.00	\$12,999.00
22.05	6" butterfly valve	ea	3	\$810.00	\$2,430.00	3.00	\$2,430.00
22.07	12" butterfly valves	ea	2	\$2,551.00	\$5,102.00	2.00	\$5,102.00
22.08	Plumbing fixtures	ls	1	\$20,000.00	\$20,000.00	100%	\$20,000.00
22.09	Plumbing piping & specialties	ls	1	\$14,000.00	\$14,000.00	100%	\$14,000.00
23.01	Blower Building HVAC	ls	1	\$61,480.00	\$61,480.00	100%	\$61,480.00
25.01	LS 1100 control panel	ls	1	\$42,189.00	\$42,189.00	100%	\$42,189.00
25.02	LS 1240 control panel	ls	1	\$36,362.00	\$36,362.00	100%	\$36,362.00
25.03	Instuments & panels- 2 DO, 2 Ultrasonic	ls	1	\$29,106.00	\$29,106.00	100%	\$29,106.00
25.04	Master & remote panels - blower SCADA	ls	1	\$41,055.00	\$41,055.00	100%	\$41,055.00
25.05	SCADA software and programming	ls	1	\$41,286.00	\$41,286.00	100%	\$41,286.00
26.01	New generator and wiring	ls	1	\$176,041.00	\$176,041.00	100%	\$176,041.00
26.02	Blower BLDG elec	ls	1	\$191,194.00	\$191,194.00	100%	\$191,194.00
26.03	Power for LS 1240	ls	1	\$10,475.00	\$10,475.00	100%	\$10,475.00
26.04	Replace service for exist maint & blower building	ls	1	\$39,432.00	\$39,432.00	100%	\$39,432.00
26.05	Remote instrumentation power circuits	ls	1	\$26,843.00	\$26,843.00	100%	\$26,843.00
26.06	New site pole lights	ea	2	\$3,699.50	\$7,399.00	100%	\$7,399.00
26.07	Retrofit site pole lights with new lighting circuit	ea	8	\$4,942.75	\$39,542.00	100%	\$39,542.00
27.01	FO cable distubution	ls	1	\$31,026.00	\$31,026.00	100%	\$31,026.00
31.01	site restoration	ls	1	\$57,500.00	\$57,500.00	100%	\$57,500.00
31.02	excavation	ls	1	\$53,000.00	\$53,000.00	100%	\$53,000.00
31.03	backfill	ls	1	\$66,400.00	\$66,400.00	100%	\$66,400.00

31.04	new lagoon berms	ls	1	\$411,500.00	\$411,500.00	100%	\$411,500.00
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	100%	\$2,425.00
31.07	gravel drive	sf	30500	\$1.50	\$45,750.00	100%	\$45,750.00
31.08	gravel overlay	sf	42490	\$1.00	\$42,490.00	100%	\$42,490.00
31.09	insulating mulch	cy	1950	\$18.41	\$35,899.50	100%	\$35,899.50
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	381.00	\$20,955.00
31.13	River rock landscaping	ton	7	\$50.00	\$350.00	100%	\$350.00
32.01	Metal swing gate 20'	ea	2	\$750.00	\$1,500.00	100%	\$1,500.00
32.02	Metal swing gate 16'	ea	1	\$600.00	\$600.00	100%	\$600.00
32.03	Metal swing gate 12'	ea	1	\$430.00	\$430.00	100%	\$430.00
32.04	Fencing	lf	3395	\$7.62	\$25,869.90	100%	\$25,869.90
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	100%	\$214,477.94
33.06	21" PVC piping	lf	1190	\$107.52	\$127,948.80	100%	\$127,948.80
33.07	6" SS aeration Header piping	lf	7	\$1,739.00	\$12,173.00	100%	\$12,173.00
33.08	8" SS aeration Header piping	lf	12	\$594.00	\$7,128.00	100%	\$7,128.00
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	100%	\$31,345.04
33.13	8" HDPE Aeration header piping	lf	637	\$36.50	\$23,250.50	100%	\$23,250.50
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	100%	\$800.00
35.02	12" slide gates	ea	8	\$4,326.45	\$34,611.60	8.00	\$34,611.60
35.03	18" slide gates	ea	4	\$4,986.49	\$19,945.96	4.00	\$19,945.96
35.04	20" slide gates	ea	4	\$5,298.00	\$21,192.00	4.00	\$21,192.00
35.05	21" slide gates	ea	6	\$5,429.40	\$32,576.40	6.00	\$32,576.40
44.01	SAGR equipment installation	ls	1	\$706,097.01	\$706,097.01	100%	\$706,097.01
44.02	SAGR HDPE liner	sf	76376	\$0.96	\$73,320.96	100%	\$73,320.96
46.01	Install lagoon aeration equipment	ls	1	\$234,171.02	\$234,171.02	100%	\$234,171.02
46.02	Baffle curtain	lf	260	\$77.60	\$20,176.00	100%	\$20,176.00
CO1	Hardware/Electrical/Plumbing modifications	ls	1	-\$352.52	-\$352.52	100%	-\$352.52
CO2	Remove Lab Building Demo	ls	1	-\$6,000.00	-\$6,000.00	100%	-\$6,000.00
CO3	Contract Modifications	ls	1	\$13,937.25	\$13,937.25	100%	\$13,937.25
CO4	Time extension	ls	1	\$0.00	\$0.00	100%	\$0.00
CO5	Misc credits, Blower bldg drainage, MH 2260	ls	1	\$378.24	\$378.24	100%	\$378.24
CO6	Add'l Rip Rap & misc credits	ls	1	\$21,685.00	\$21,685.00	100%	\$21,685.00
CO7	Blower modifications & aeration diffuser drops	ls	1	\$10,434.20	\$10,434.20	100%	\$10,434.20
	Total				\$7,075,756.50	100.0%	\$ 7,075,756.50