

SUMMARY TABLE
FOR
PARTIAL PAYMENTS
January 21, 2021

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January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for
Roberta Avenue And Tenny Avenue Utility And Street Improvements.

Contract No. #4158

CONTRACT DATE: April 9, 2020

Original \$ 1,880,713.25

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 55,000.00	\$ 55,000.00
2	02002	SILT FENCE	LF	300		\$ 2.50	\$ -
3	02003	EROSION BALES	EACH	30		\$ 10.00	\$ -
4	02005	INLET PROTECTION	EACH	15	8.00	\$ 100.00	\$ 800.00
5	03200	ABANDON SEWER MANHOLE	EACH	1	1.00	\$ 3,500.00	\$ 3,500.00
6	03300	REMOVE EXISTING CURB AND GUTTER	LF	2,500	3,276.50	\$ 5.00	\$ 16,382.50
7	03331	REMOVE EXISTING SIDEWALK	SF	9,100	12,174.69	\$ 0.75	\$ 9,131.02
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	300	265.70	\$ 2.25	\$ 597.83
9	03600	REMOVE EXISTING CONCRETE ROADWAY	SY	7,000	6,995.47	\$ 6.75	\$ 47,219.42
10	03650	REMOVE EXISTING ROADWAY	SY	4,750	4,294.50	\$ 6.50	\$ 27,914.25
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,200	1,122.00	\$ 50.00	\$ 56,100.00
12	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,100	132.00	\$ 1.90	\$ 250.80
13	04016	GEOTEXTILE GRID TYPE BX1100	SY	1,100	3,206.09	\$ 1.90	\$ 6,091.57
14	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	5,040.97	\$ 15.00	\$ 75,614.55
15	04120	SLURRY BACKFILL	CY	250		\$ 100.00	\$ -
16	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	1,000	1,852.47	\$ 22.50	\$ 41,680.58
17	04990	FINE GRADING OF ROADWAY BASE (PAVEMENT REPLACEMENT AREA)	LF	1,600	1,522.00	\$ 9.25	\$ 14,078.50
18	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,500	598.43	\$ 23.00	\$ 13,763.89
19	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 13 VERT. FT.)	EACH	11	12.00	\$ 1,200.00	\$ 14,400.00

20	05050	INTERNAL CHIMNEY SEAL	EACH	11	11.00	\$ 411.00	\$ 4,521.00
21	05056	SANITARY LATERAL CLEANOUT	EACH	36	34.00	\$ 1,610.00	\$ 54,740.00
22	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	36	35.00	\$ 268.00	\$ 9,380.00
23	05075	SANITARY SEWER SPOT REPAIR	EACH	2	2.14	\$ 3,500.00	\$ 7,500.00
24	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 3,000.00	\$ -
25	05080	SANITARY LATERAL REINSTATEMENT	EACH	33	33.00	\$ 75.00	\$ 2,475.00
26	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	3	3.00	\$ 525.00	\$ 1,575.00
27	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	3,215	3,555.76	\$ 23.25	\$ 82,671.42
28	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	33	33.00	\$ 3,325.00	\$ 109,725.00
29	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	400	339.48	\$ 53.50	\$ 18,162.18
30	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 32 VERT. FT.)	EACH	3	3.00	\$ 1,600.00	\$ 4,800.00
31	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	3	3.00	\$ 1,000.00	\$ 3,000.00
32	05680	STORM SEWER INLET REPAIR	VF	4	0.33	\$ 2,000.00	\$ 660.00
33	05681	STORM SEWER INLET ADJUSTMENT	EACH	2	2.00	\$ 500.00	\$ 1,000.00
34	05692	STORM SEWER MANHOLE REPAIR	VF	6	5.40	\$ 200.00	\$ 1,080.00
35	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	3	3.00	\$ 1,200.00	\$ 3,600.00
36	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3,215		\$ 1.80	\$ -
37	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	72	36.00	\$ 215.00	\$ 7,740.00
38	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	725		\$ 4.01	\$ -
39	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE	EACH	3	2.00	\$ 2,785.00	\$ 5,570.00
40	06100	EXTRA BAGS OF CEMENT	EA	25		\$ 10.00	\$ -
41	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	200		\$ 82.75	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	750	236.30	\$ 39.00	\$ 9,215.70

43	07008	8-INCH CONCRETE PAVEMENT	SY	11,250	11,242.84	\$ 39.65	\$ 445,778.61
44	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	2,400	3,276.50	\$ 23.60	\$ 77,325.40
45	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	50	118.30	\$ 15.00	\$ 1,774.50
46	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	168	176.00	\$ 40.00	\$ 7,040.00
47	07302	PEDESTRIAN CURB	LF	100	76.67	\$ 27.00	\$ 2,070.09
48	07304	4-INCH CONCRETE SIDEWALK	SF	6,000	6,803.45	\$ 5.40	\$ 36,738.63
49	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,750	5,701.24	\$ 6.00	\$ 34,207.44
50	07990	DRILLED TIE BARS	LF	2,500	1,808.50	\$ 2.80	\$ 5,063.80
51	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	50	43.71	\$ 135.00	\$ 5,900.85
52	08205	HMA PAVEMENT TYPE 5 LT 58 28 S	TON	35	43.71	\$ 150.00	\$ 6,556.50
53	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	5		\$ 195.00	\$ -
54	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	575	464.00	\$ 5.35	\$ 2,482.40
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	225	199.00	\$ 9.25	\$ 1,840.75
56	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	125	102.00	\$ 16.25	\$ 1,657.50
57	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	2	2.00	\$ 265.00	\$ 530.00
58	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1	1.00	\$ 265.00	\$ 265.00
59	14005	TOPSOIL & SOD	SY	2,500	2,476.00	\$ 8.95	\$ 22,160.20
60	15001	12" WATER MAIN AND FITTINGS	LF	2,440	2,459.00	\$ 111.00	\$ 272,949.00
61	15002	8" WATER MAIN AND FITTINGS	LF	280	256.00	\$ 180.00	\$ 46,080.00
62	15003	12" GATE VALVE AND BOX	EACH	5	5.00	\$ 2,761.00	\$ 13,805.00
63	15004	8" GATE VALVE AND BOX	EACH	4	4.00	\$ 1,600.00	\$ 6,400.00
64	15005	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	6	6.00	\$ 6,444.00	\$ 38,664.00
65	15005	CONNECT 1" COPPER SERVICE LATERAL (SL1)	EACH	13	13.00	\$ 2,115.00	\$ 27,495.00
66	15006	CONNECT 1" COPPER SERVICE LATERAL (SL2)	EACH	6	6.00	\$ 2,524.00	\$ 15,144.00

67	15007	CONNECT 1" COPPER SERVICE LATERAL (SL3)	EACH	5	5.00	\$ 3,932.00	\$ 19,660.00
68	15008	CONNECT 1" COPPER SERVICE LATERAL (SL4)	EACH	2	2.00	\$ 6,971.00	\$ 13,942.00
69	15009	CONNECT 1-1/4" COPPER SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 2,470.00	\$ 2,470.00
70	15010	CONNECT 6" SERVICE LATERAL (SL6)	EACH	2	2.00	\$ 7,000.00	\$ 14,000.00
71	15011	ABANDON EXISTING HYDRANT	EACH	6	6.00	\$ 700.00	\$ 4,200.00
72	15012	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 4,500.00	\$ 4,500.00

Total \$ 1,840,640.88

Less Retainage \$ 47,017.83

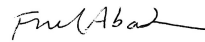
Total \$ 1,793,623.05

Less Previously Paid \$ 1,584,593.12

Total Amount Due \$ 209,029.93

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$209,029.93 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to C.D. Smith Construction, Inc., 125 Camelot Drive, Fond du Lac, WI 54935 for *Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plant.*

Contract No. # 4173

CONTRACT DATE: June 2, 2020

Original \$ 17,129,076.00

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
RETURN FLOW PUMP STATION							
301 MOBILIZATION AND GC							
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 59,815.33	\$ 39,876.88		\$ 99,692.21
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 125,334.00	\$ 41,778.00		\$ 167,112.00
301.03	ELEC MOBILIZATION TEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 25,893.34	\$ 25,893.34		\$ 51,786.68
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 5,552.91			\$ 5,552.91

302 UNIT PRICES							
301.05	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	175			\$ 40.00	\$ -
301.06	UNSUITABLE FOUNDATION MATERIALS - TRENCHES	CY	50			\$ 125.00	\$ -
301.09	CONCRETE REPAIR, INJECTION GROUTING	LF	30			\$ 44.00	\$ -

303 CONTINGENCY ALLOWANCES							
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

304 SITEWORK							
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57				\$ -
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 6,600.00	\$ 12,100.00		\$ 18,700.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ -	\$ 16,250.00		\$ 16,250.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ -			\$ -
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ -			\$ -
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ -			\$ -
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 86,160.00			\$ 86,160.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 389,240.00			\$ 389,240.00

305.00 BLDG 320 - UV DISINFECTION							
301.23	DEMOLITION (L)	LS	\$ 6,128.00		\$ 612.80		\$ 612.80
301.24	CONCRETE	LS	\$ 16,000.00				\$ -
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00				\$ -
301.25	GENERATOR	LS	\$ 1,441,772.49				\$ -
301.26	EARTHWORK	LS	\$ 7,500.00				\$ -

301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00		\$ 11,400.00		\$ 11,400.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00		\$ 13,125.00		\$ 13,125.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00		\$ 1,920.00		\$ 1,920.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 540.00	\$ 60.00		\$ 600.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00				\$ -

BLDG 325 - RETURN FLOW PUMP STATION							
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00		\$ 8,763.00		\$ 8,763.00
301.32	WALLS	LS	\$ 343,405.00				\$ -
301.33	SLAB	LS	\$ 86,500.00				\$ -
301.34	EQUIPMENT PADS	LS	\$ 32,750.00				\$ -
301.35	PRECAST	LS	\$ 52,650.00				\$ -
301.36	MASONRY	LS	\$ 385,322.00				\$ -
301.37	METAL FABRICATIONS	LS	\$ 334,383.00				\$ -
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00				\$ -
301.39	AIR BARRIER	LS	\$ 27,500.00				\$ -
301.40	ROOFING	LS	\$ 72,600.00				\$ -
301.41	JOINT SEALANTS	LS	\$ 17,250.00				\$ -
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00				\$ -
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00				\$ -
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00				\$ -
301.46	ACCESSORIES	LS	\$ 15,350.00				\$ -
301.47	EARTHWORK	LS	\$ 275,000.00				\$ -
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00				\$ -
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00				\$ -
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00				\$ -
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00				\$ -
301.52	OVERHEAD CRANE	LS	\$ 42,350.00				\$ -
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00		\$ 2,015.00		\$ 2,015.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 207,281.00			\$ 207,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00				\$ -
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00				\$ -
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00				\$ -
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00				\$ -
301.57	HVAC INSULATION	LS	\$ 16,000.00				\$ -
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00				\$ -
301.330	HVAC FANS	LS	\$ 6,500.00				\$ -
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00				\$ -
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00				\$ -
301.60	ELECTRICAL	LS	\$ 217,807.14				\$ -
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00				\$ -
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67				\$ -
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71				\$ -

RETURN FLOW PUMP STATION SUBTOTAL: \$ 1,090,360.60

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 76,128.59	\$ 50,752.40		\$ 126,880.99
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 159,516.00	\$ 53,172.00		\$ 212,688.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 32,955.16	\$ 32,955.16		\$ 65,910.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 7,067.34			\$ 7,067.34

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300			\$ 56.00	\$ -
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270			\$ 44.00	\$ -
300.025	PAINTING	Hr	80			\$ 75.00	\$ -

302 CONTINGENCY ALLOWANCES							
300.03	GENERAL CONTINGENCY	LS	\$ 63,000.00				\$ -
300.031	HAZARDOUS MATERIAL CONTINGENCY	LS	\$ 40,000.00				\$ -
300.032	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 10,500.00				\$ -

303 SITEWORK							
300.04	ASPHALT PAVING	LS	\$ 56,700.00				\$ -
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 29,969.00				\$ -
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00				\$ -
300.051	ELECTRICAL	LS	\$ 209,142.13				\$ -
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25				\$ -
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00				\$ -
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00				\$ -
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00				\$ -
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00				\$ -
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00				\$ -
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00				\$ -

305 BLDG 140 PRIMARY EFFLUENT							
300.06	DEMOLITION (L)	LS	\$ 40,382.00				\$ -
300.061	CONCRETE	LS	\$ 16,582.00				\$ -
300.062	ELECTRICAL	LS	\$ 174,402.49				\$ -
300.063	SUBMERSIBLE PUMPS (L)	LS	\$ 48,000.00				\$ -
300.064	SUBMERSIBLE PUMPS (M)	LS	\$ 779,900.00				\$ -
300.065	PROCESS PIPING	LS	\$ 39,200.00				\$ -

306 BLDG 150 - SECOND STAGE PUMPING STATION							
300.07	ELECTRICAL	LS	\$ 74,362.45				\$ -

307 BLDG 210 - AERATION TANKS							
300.08	DEMOLITION (L)	LS	\$ 123,500.00				\$ -
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00				\$ -
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00				\$ -

308 BLDG 230 - FINAL CLARIFIERS							
300.10	ELECTRICAL	LS	\$ 7,268.16				\$ -
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00				\$ -
300.101	PAINTING AND COATING	LS	\$ 17,500.00				\$ -

309 BLDG 240 - RAS/WAS BUILDING							
300.10	ELECTRICAL	LS	\$ 9,880.64				\$ -
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 70,748.19				\$ -
300.101	PAINTING AND COATING	LS	\$ 56,000.00	\$ 30,800.00	\$ 25,200.00		\$ 56,000.00

310 BLDG 250 - CHEMICAL BUILDING							
300.11	DEMOLITION (L)	LS	\$ 4,000.00		\$ 400.00		\$ 400.00
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00				\$ -
300.112	FRP GRATING	LS	\$ 5,000.00				\$ -
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00				\$ -
300.113	PLUMBING - PIPING	LS	\$ 3,750.00				\$ -
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00				\$ -
300.115	ELECTRICAL	LS	\$ 52,685.28				\$ -
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00				\$ -
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00				\$ -
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00				\$ -
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00				\$ -
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00				\$ -
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00				\$ -
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00				\$ -
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00				\$ -
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00				\$ -
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 709.00			\$ 709.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00				\$ -
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00				\$ -

311 BLDG 300 - TERTIARY CLARIFIERS							
300.20	DEMOLITION (L)	LS	\$ 14,303.00				\$ -
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00				\$ -
300.202	ELECTRICAL	LS	\$ 30,750.98				\$ -
300.202.5	INSTRUMENTATION & CONTROLS	LS	\$ 18,313.00				\$ -

300.203	CLARIFIER LAUNDER COVER SYSTEM (L)	LS	\$ 30,800.00				\$ -
300.204	CLARIFIER LAUNDER COVER SYSTEM (M)	LS	\$ 283,000.00				\$ -
300.205	BAFFLE WALLS AND PLATES (L)	LS	\$ 6,500.00				\$ -
300.206	BAFFLE WALLS AND PLATES (M)	LS	\$ 9,500.00				\$ -
300.207	VERTICAL PADDLE FLOCCULATION SYSTEM (L)	LS	\$ 45,600.00				\$ -
300.208	VERTICAL PADDLE FLOCCULATION SYSTEM (M)	LS	\$ 227,700.00				\$ -
300.209	PROCESS PIPING -GENERAL (L)	LS	\$ 30,700.00				\$ -
300.210	PROCESS PIPING -GENERAL (M)	LS	\$ 29,300.00				\$ -
300.211	PROCESS PIPING INSULATION	LS	\$ 1,000.00				\$ -

312 BLDG 310 - FILTER BUILDING							
300.22	DEMOLITION (L)	LS	\$ 289,593.00				\$ -
300.221	CONCRETE	LS	\$ 48,109.00				\$ -
300.222	ELECTRICAL	LS	\$ 36,459.00				\$ -
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00				\$ -
300.223	PAINTING AND COATING	LS	\$ 45,000.00				\$ -
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00				\$ -
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00				\$ -
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00				\$ -
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00				\$ -
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00				\$ -
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00				\$ -
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00				\$ -
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00				\$ -
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00				\$ -

313 BLDG 330 - PRETREATMENT BUILDING							
300.24	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.242	ELECTRICAL	LS	\$ 3,243.49				\$ -

314 BLDG 400 - SLUDGE THICKENING BUILDING							
300.25	PAINTING AND COATING	LS	\$ 9,700.00		\$ 970.00		\$ 970.00

315 BUILDING 410 - PRIMARY DIGESTER COMPLEX							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00				\$ -

316 BLDG 430 - DEWATERING BUILDING							
300.27	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.272	ELECTRICAL	LS	\$ 2,584.06				\$ -

317 BLDG 440 - SLUDGE STORAGE BUILDING AND DRYING PAD							
300.28	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.281	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -

318 BLDG 500 - ADMINISTRATION BUILDING							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 3,689.34			\$ 3,689.34
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00				\$ -

319 BLDG 510 - GENERATOR BUILDING							
300.30	DEMOLITION (L)	LS	\$ 1,250.00				\$ -
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -

320 BLDG 530 - SERVICE BUILDING							
300.31	DEMOLITION (L)	LS	\$ 32,500.00				\$ -
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00				\$ -
300.312	ELECTRICAL	LS	\$ 5,390.98				\$ -

321 BLDG 610 - FINAL SETTLING BASINS							
300.32	DEMOLITION (L)	LS	\$ 1,434.00				\$ -
300.321	ELECTRICAL	LS	\$ 7,271.47				\$ -
300.322	TOP MOUNTED MIXERS (L)	LS	\$ 4,600.00				\$ -
300.323	TOP MOUNTED MIXERS (M)	LS	\$ 38,100.00				\$ -
300.324	BAFFLE WALLS AND PLATES (L)	LS	\$ 3,300.00				\$ -
300.325	BAFFLE WALLS AND PLATES (M)	LS	\$ 1,100.00				\$ -
300.326	PIPING SUPPORT SYSTEMS (L)	LS	\$ 2,200.00				\$ -
300.327	PIPING SUPPORT SYSTEMS (M)	LS	\$ 700.00				\$ -
300.328	PROCESS PIPING - GENERAL (L)	LS	\$ 3,400.00				\$ -
300.329	PROCESS PIPING - GENERAL (M)	LS	\$ 2,200.00				\$ -
300.33	PROCESS PIPING INSULATION	LS	\$ 1,900.00				\$ -

ADVANCED PHOSPHORUS SUBTOTAL: \$ 474,314.99

Total \$ 1,564,675.59

Less Retainage \$ 89,756.20

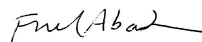
Total \$ 1,474,919.39

Less Previously Paid \$ 1,154,537.99

Total Amount Due \$ 320,381.40

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$320,381.40 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 15 to *Greenfire Management Service*, 3215 W. State St., Ste. 200, Milwaukee, WI 53208 for the Waukesha City Hall.

Contract No. #4136

CONTRACT DATE: Sept 3, 2019

Original \$ 19,693,300.00

Updated \$ 20,151,365.99

Item No.	Item Description	Scheduled Value	Completed Work
1000	General Conditions	\$1,316,760.00	\$ 1,008,696.79
2000	Existing Conditions/Demolition	\$395,000.00	\$ 72,180.00
3000	Concrete	\$1,179,049.00	\$ 1,200,135.00
4000	Masonry	\$1,644,630.00	\$ 1,674,722.00
5000	Metals	\$1,975,310.00	\$ 1,960,310.65
6000	General Carpentry	\$143,321.00	\$ 144,350.00
6400	Millwork	\$255,658.00	\$ 246,840.00
7000	Thermal & Moisture Protection	\$151,780.00	\$ 129,490.00
7400	Siding	\$944,975.00	\$ 825,000.00
7500	Roofing	\$382,688.00	\$ 387,749.00
7800	Fire & Smoke Protections	\$110,683.00	\$ 178,005.25
7900	Caulking	\$25,100.00	\$ 27,865.00
8100	Doors & Frames	\$203,779.00	\$ 193,510.00
8300	Speciality Doors Horizontal Shutters	\$315,627.00	\$ 321,124.00
8400	Entrances & Storefronts	\$1,104,020.00	\$ 1,113,000.00
8900	Louvers	\$9,820.00	
9200	Drywall	\$1,286,000.00	\$ 1,286,975.00
9500	Acoustical Ceilings	\$188,365.00	\$ 146,900.00
9600	Flooring-General	\$500,835.00	\$ 374,737.61
9900	Painting	\$140,000.00	\$ 162,140.00
10000	Specialties	\$104,937.00	\$ 103,073.92
11000	Equipment	\$47,923.00	\$ 46,193.75
12200	Window Treatments	\$77,066.00	\$ 79,940.00
14200	Elevators	\$107,159.00	\$ 112,900.00
21000	Fire Protection	\$170,000.00	\$ 159,764.48
22000	Plumbing	\$535,000.00	\$ 535,499.00
23000	HVAC	\$1,840,000.00	\$ 1,796,209.00
26000	Electrical	\$1,856,852.00	\$ 1,954,598.00
27000	Communications	\$350,337.00	\$ 288,922.64
27400	Audio-Video Communications	\$366,980.00	\$ 339,684.10
28000	Electronic Safety and Security	\$252,090.00	\$ 13,129.74

31000	Sitework	\$510,000.00	\$ 581,921.00
32100	Paving	\$232,535.00	\$ 42,920.00
32310	Fences & Gates	\$35,000.00	\$ 51,253.00
32900	Landscaping	\$181,753.00	\$ 158,875.81
33000	Site Utilities	\$240,000.00	\$ 216,246.15
99000	Fee and Insurance	\$564,398.00	\$ 516,537.05

Total \$ 18,451,397.94

Less Retainage \$ 503,784.15

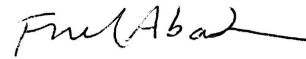
Total \$ 17,947,613.79

Less Previously Paid \$ 17,150,485.30

Total Amount Due \$ 797,128.49

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$797,128.49 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
 Director of Public Works

January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to H & H Civil Construction, LLC, 21110 Main Street, Collins, WI 54207 for Artificial Turf Installation At Frame And Mindiola Parks.

Contract No. #4172

CONTRACT DATE: May 15, 2020

Original \$ 2,468,945.14
Updated \$ 2,560,255.41

Line No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
FRAME PARK BASEBALL FIELD BASE BID Items						
1	Mobilization	1	LS	1	\$ 99,400.00	\$ 99,400.00
2	Construction Fencing	900	LF	900	\$ 4.00	\$ 3,600.00
3	Silt Fence	634	LF	634	\$ 3.42	\$ 2,168.28
4	Stone Construction Entrance	1	EA	1	\$ 5,000.00	\$ 5,000.00
5	Inlet Protection	1	EA	1	\$ 150.00	\$ 150.00
6	Remove Existing Storm Sewer	417	LF	417	\$ 16.00	\$ 6,672.00
7	10" Storm Sewer Connection to Field Drainage Sy	231	LF	231	\$ 24.00	\$ 5,544.00
8	Earthwork	1	LS	1	\$ 71,000.00	\$ 71,000.00
9	Left Field Drain Tile and Clear Stone Trench	474	LF	474	\$ 28.00	\$ 13,272.00
10	Irrigation adjustments (Allowance)	1	LS	1	\$ 15,000.00	\$ 15,000.00
11	27" RCP Storm Sewer	417	LF	417	\$ 74.00	\$ 30,858.00
12	48" Storm Sewer Manhole	2	EA	2	\$ 3,800.00	\$ 7,600.00
13	Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner	44,936	SF	44,936	\$ 8.05	\$ 361,734.80
14	Modular Block Retaining Wall	126	FF	126	\$ 50.00	\$ 6,300.00
15	Chain Link Fence (4') (Black Polymer Coated)	285	LF	285	\$ 29.00	\$ 8,265.00
16	Chain Link Fence (8') (Black Polymer Coated)	938	LF	938	\$ 44.83	\$ 42,050.54
17	Chain Link Fence (16') (Black Polymer Coated)	152	LF	152	\$ 119.75	\$ 18,202.00
18	20' Wide (8') Fence Gate (Black Polymer Coated, double swing)	2	EA	2	\$ 2,300.00	\$ 4,600.00
19	8' Wide (8') Fence Gate (Black polymer coated, double swing)	1	EA	1	\$ 1,680.00	\$ 1,680.00
20	8' Wide (4') Fence Gate (Black Polymer Coated, double swing)	3	EA	3	\$ 1,400.00	\$ 4,200.00

21	4' Wide (4') Fence Gate (Black Polymer Coated)	2	EA	2	\$ 1,005.00	\$ 2,010.00
22	Foul Pole Installation	2	EA	2	\$ 1,800.00	\$ 3,600.00
23	Dugout Installation	2	EA	2	\$ 7,275.00	\$ 14,550.00
24	Dugout Concrete Pads	736	SF	736	\$ 13.50	\$ 9,936.00
25	Dugout Railings	2	EA	2.00	\$ 6,000.00	\$ 12,000.00
26	Existing Backstop Netting Adjustments	1	LS		\$ 3,500.00	\$ 3,500.00
27	Warning Track Material	106	TONS	106	\$ 350.00	\$ 37,100.00
28	Outfield Turfgrass Restoration - Sod	3,134	SY	3,134	\$ 6.00	\$ 18,804.00
29	Turfgrass Restoration - Seed, Fertilizer and Mulch	750	SY	750	\$ 4.50	\$ 3,375.00
30	Bases	2	EA	2	\$ 630.00	\$ 1,260.00
31	Base Jewels	2	EA	2	\$ 137.00	\$ 274.00
32	Home Plate	7	EA	7	\$ 323.00	\$ 2,261.00
33	Base Anchors	10	EA	10	\$ 149.00	\$ 1,490.00
34	Portable Mound	1	LS	1	\$ 18,100.00	\$ 18,100.00
35	Pitching Rubber	6	EA	6	\$ 260.00	\$ 1,560.00
36	Batting Cages	1	EA	1.00	\$ 23,650.00	\$ 23,650.00
37	Fence Cap	12	EA	12	\$ 425.00	\$ 5,100.00
38	Outfield Distance Markers	20	EA	20	\$ 196.00	\$ 3,920.00
39	Dugouts	2	EA	2	\$ 53,000.00	\$ 106,000.00
40	Benches	6	EA	6	\$ 2,900.00	\$ 17,400.00
41	Stand Up Cubby	2	EA	2	\$ 7,000.00	\$ 14,000.00
42	Coat Rack and Shelf	4	EA	4	\$ 875.00	\$ 3,500.00
43	Padding and Netting for Dugout Railing	2	LS	2	\$ 3,700.00	\$ 7,400.00
44	Remove Existing Sidewalk	95	SF		\$ 15.00	\$ -
45	Concrete Sidewalk	95	SF		\$ 12.00	\$ -
46	Apron Endwall with Grate	1	EA	1	\$ 800.00	\$ 800.00
47	Medium Rip-Rap	40	SF	40	\$ 47.00	\$ 1,880.00
Mindiola Park Soccer Field Base Bid Items						
48	Mobilization	1	LS	1	\$ 120,380.00	\$ 120,380.00
49	Construction Fencing	1,850	LF	1500	\$ 4.00	\$ 7,400.00
50	Silt Fence	990	LF	900	\$ 3.50	\$ 3,465.00

51	Stone Construction Entrance	1	EA	1	\$ 5,000.00	\$ 5,000.00
52	Inlet Protection	2	EA	2	\$ 150.00	\$ 300.00
53	Temporary Ditch Check	3	EA	3	\$ 250.00	\$ 750.00
54	12" Storm Sewer Connection to Field Drainage System	70	LF	70	\$ 28.00	\$ 1,960.00
55	Apron Endwall with Grate	2	EA	2	\$ 500.00	\$ 1,000.00
56	Medium Rip-Rap	64	SF	64	\$ 30.00	\$ 1,920.00
57	Landfill Collection System "Adjustments"	1	LS		\$ 5,000.00	\$ -
58	Strip and Stockpile Topsoil	10,531	SY	10531	\$ 3.50	\$ 36,858.50
59	Fill Material	9,986	CY	9986	\$ 21.00	\$ 209,706.00
60	Fine Grading	1	LS	1	\$ 18,000.00	\$ 18,000.00
61	Excavation Below Subgrade	500	CY		\$ 48.00	\$ -
62	Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner	94,773	SF	94,773	\$ 5.78	\$ 547,787.94
63	6" x 10' LF Sch 40 PVC Drain Pipe	2	EA	2	\$ 439.00	\$ 878.00
64	Concrete Surfaces	616	SF	616	\$ 7.00	\$ 4,312.00
65	Chain Link Fence (4' Ht) (Galvanized)	203	LF	203	\$ 14.30	\$ 2,902.90
66	Chain Link Fence (8' Ht) (Galvanized)	1,297	LF	1,297	\$ 19.99	\$ 25,927.03
67	20' Wide Fence Gate (8' Ht) (Galvanized)	1	EA	1	\$ 1,380.00	\$ 1,380.00
68	10' Wide Fence Gate (4' Ht) (Galvanized)	1	EA	1	\$ 1,020.00	\$ 1,020.00
69	10' Wide Fence Gate (8' Ht) (Galvanized)	1	EA	1	\$ 1,165.00	\$ 1,165.00
70	4' Wide Fence Gate (8' Ht) (Galvanized)	3	EA	3	\$ 684.00	\$ 2,052.00
71	Turfgrass Restoration - Seed, Fertilizer and Mulch	10,224	SY		\$ 3.60	\$ -
72	Goals and Corner Flag Anchors Installation	1	LS	1.00	\$ 7,080.00	\$ 7,080.00
73	Backstop Net System - Behind Goals (20' x 90'	2	EA	2.00	\$ 12,000.00	\$ 24,000.00
74	Corner Flags (Championship Field)	1	EA	1.00	\$ 380.00	\$ 380.00
75	Com Box	1	EA	1.00	\$ 1,800.00	\$ 1,800.00
1	Add Synthetic Turf to all playing surfaces at Frame Park per Sec.01 23 00	77,803	SF	77,803	\$ 4.25	\$ 330,662.75
2	Add black color polymer coating finish in lieu of galvanized finish for all chain link fence (for the 6' and 4' fencing) per Sec. 01 23 00	1	LS	1	\$ 11,220.00	\$ 11,220.00
3	Add 8' Galvanized Chain Link Fence in lieu of 6' Chain Link Fence (Can not be accepted with Alt. No. 2, unless Alt. No. 4 is also accepted) per Sec. 01 23 00	1	LS	1	\$ 6,500.00	\$ 6,500.00

4	Add black color polymer coating for an additional 2' height of chain link fencing. (Contingent on acceptance of alternates No. 2 and No. 3) per Sec 01 23 00	1	LS	1	\$ 4,000.00	\$ 4,000.00
CO 1	Stabilization of outfield Frame Park due to poor soil conditions. (30 day time extension)	1	LS	1	\$ 91,310.27	\$ 91,310.27

Total \$ 2,491,884.01

Less Retainage \$ 64,006.39

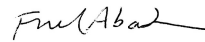
Total \$ 2,427,877.62

Less Previously Paid \$ 2,310,097.75

Total Amount Due \$ 117,779.87

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$117,779.87 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

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January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to State Contractors, Inc. for Salt Storage Shed And Loader Storage Shed.

Contract No. # 4183

CONTRACT DATE: July 17, 2020

Original \$ 582,777.77

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	02002	SILT FENCE	LF	1100	1100	\$ 4.00	\$ 4,400.00
2	02005	INLET PROTECTION	EACH	1		\$ 100.00	\$ -
3	03002	GRUBBING	LS	1	1	\$ 5,000.00	\$ 5,000.00
4	03055	TREE REMOVAL	LS	1	1	\$ 5,000.00	\$ 5,000.00
5	04011	SHAPING AND GRADING TO SUBGRADE	LS	1	1	\$ 10,000.00	\$ 10,000.00
6	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1000	1356.43	\$ 25.00	\$ 33,910.75
7	04021	3" CRUSHED STONE ROADWAY BASE	TON	300		\$ 25.00	\$ -
8	05680	STORM SEWER INLET REPAIR	VF	2		\$ 1,000.00	\$ -
9	05681	STORM SEWER INLET ADJUSTMENT	EACH	1		\$ 1,000.00	\$ -
10	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	100		\$ 50.00	\$ -
11	07008	8-INCH CONCRETE PAVEMENT	SY	151		\$ 48.00	\$ -
12	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	88		\$ 45.00	\$ -
13	07304	4-INCH CONCRETE SIDEWALK	SF	345		\$ 6.50	\$ -
14	07317	7-INCH CONCRETE SIDEWALK	SF	250		\$ 7.50	\$ -
15	07327	7-INCH CONCRETE DRIVE APPROACH	SF	400		\$ 7.50	\$ -
16	07990	8" CONCRETE SALT SHED BUILDING FLOOR	SY	1124	887	\$ 45.00	\$ 39,915.00
17	07991	8" CONCRETE LOADER BUILDING FLOOR	SY	89		\$ 45.00	\$ -
18	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	2		\$ 2,500.00	\$ -
19	11050	TRANSFORMER BASE - BREAKAWAY, 12-INCH BOLT CIRCLE	EACH	2		\$ 1,500.00	\$ -
20	11990	ELECTRICAL PER PLAN AND SPECIFICATIONS FOR SALT STORAGE BUILDING, LOADER STORAGE BUILDING AND SITE LIGHTING	LS	1		\$ 42,000.00	\$ -
21	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	1685		\$ 5.00	\$ -
22	14200	BOLLARD	EACH	11		\$ 500.00	\$ -
23	14990	TREES AND PLANT MATERIAL, SUPPLY AND INSTALLTION	LS	1		\$ 1,000.00	\$ -

24	15001	CAST-IN-PLACE CONCRETE SALT STORAGE BUILDING WALLS AND FOOTINGS	LS	1	1	\$ 155,963.63	\$ 155,963.63
25	15002	SALT STORAGE BUILDING ROOF STRUCTURE AND FABRIC COVERING INCLUSIVE WITH AALL VENTILATION OPENINGS, STRUCTURAL SUPPORTS AND HARDWARE PER PLANS AND SPECIFICATIONS	LS	1		\$ 170,050.00	\$ -
26	15101	CAST-IN-PLACE CONCRETE LOADER BUILDING WALLS AND FOOTINGS	LS	1	1	\$ 34,035.68	\$ 34,035.68
27	15102	LOADER STORAGE BUILDING ROOF STRUCTURE AND FABRIC COVERING INCLUSIVE WITH ALL VENTILATION OPENINGS, STRUCTUAL SUPPORTS AND HARDWARE PER PLANS AND SPECIFICATIONS	LS	1		\$ 35,400.00	\$ -
28	15003	SUPPLY AND INSTALL OVERHEAD DOOR, DOOR OPERATOR, FRAME AND HARDWARE PER SPECIFICATIONS AND PLANS FOR SALT STORAGE BUILDING	LS	2		\$ 12,000.00	\$ -
29	15103	SUPPLY AND INSTALL OVERHEAD DOOR, DOOR OPERATOR, FRAME AND HARDWARE PER SPECIFICATIONS AND PLANS FOR LOADER STORAGE BUILDING	LS	1		\$ 3,500.00	\$ -
30		Change Order No. 1 - Grading, Gravel and Concrete for PD shed floor					\$ 39,915.40

Total \$ 328,140.46

Less Retainage \$ 14,569.44

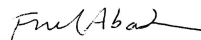
Total \$ 313,571.02

Less Previously Paid \$ 77,138.34

Total Amount Due \$ 236,432.68

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$236,432.68 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 21 to *State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.*

Contract No. #4150

CONTRACT DATE: January 17, 2020

Original

\$ 7,144,029.95

CCO #2

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 92,188.39	\$ 92,188.39
2	01005	DETOUR ROUTE	LS	1	1.00	\$ 9,500.00	\$ 9,500.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	1.00	\$ 4,500.00	\$ 4,500.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1	1.00	\$ 1,000.00	\$ 1,000.00
5	01017	TEMPORARY SAFETY FENCE	LF	5,500	4,584.00	\$ 10.00	\$ 45,840.00
6	01990	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200	22.50	\$ 25.00	\$ 562.50
7	02002	SILT FENCE	LF	300		\$ 3.00	\$ -
8	02003	EROSION BALES	EACH	100		\$ 15.00	\$ -
9	02005	INLET PROTECTION	EACH	70	80.00	\$ 85.00	\$ 6,800.00
10	02007	SILT SOCK	LF	1,200		\$ 5.40	\$ -
11	03041	CLEARING	INCH DIA	172	187.00	\$ 70.00	\$ 13,090.00
12	03042	GRUBBING	INCH DIA	172	196.00	\$ 20.00	\$ 3,920.00
13	03100	REMOVE SEWER MANHOLE	EACH	4	3.00	\$ 445.00	\$ 1,335.00
14	03101	REMOVE INLET	EACH	16	18.00	\$ 445.00	\$ 8,010.00
15	03110	REMOVE PIPE	LF	321	429.50	\$ 28.00	\$ 12,026.00
16	03200	ABANDON SEWER MANHOLE	EACH	4	4.00	\$ 370.00	\$ 1,480.00
17	03205	ABANDON PIPE	LF	508	350.50	\$ 16.00	\$ 5,608.00
18	03300	REMOVE EXISTING CURB AND GUTTER	LF	7,400	6,836.32	\$ 3.00	\$ 20,508.96
19	03331	REMOVE EXISTING SIDEWALK	SF	65,000	63,315.58	\$ 2.00	\$ 126,631.16
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	4,000	1,394.60	\$ 3.00	\$ 4,183.80

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	20,790.90	\$ 10.00	\$ 207,909.00
22	04010	SHAPING AND GRADING TO SUBGRADE	LF	4,400	3,962.00	\$ 35.00	\$ 138,670.00
23	04012	FROST BREAKING AND REMOVAL	LF	3,000	208.00	\$ 3.00	\$ 624.00
24	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2,000		\$ 3.00	\$ -
25	04016	GEOTEXTILE GRID TYPE BX1100	SY	5,000		\$ 3.00	\$ -
26	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	13,500	12,790.23	\$ 20.00	\$ 255,804.60
27	04120	SLURRY BACKFILL	CY	250		\$ 69.00	\$ -
28	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	9,500		\$ 14.00	\$ -
29	05011	PIPE BULKHEAD	EACH	4	4.00	\$ 240.00	\$ 960.00
30	05020	ADJUST SEWER MANHOLE	EACH	31	39.00	\$ 915.00	\$ 35,685.00
31	05021	ADJUST INLET	EACH	12	10.00	\$ 740.00	\$ 7,400.00
32	05042	SANITARY SEWER INSIDE DROP	VF	1	1.00	\$ 1,080.00	\$ 1,080.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	9	14.00	\$ 515.00	\$ 7,210.00
34	05056	SANITARY LATERAL CLEANOUT	EACH	10	6.00	\$ 1,981.86	\$ 11,891.16
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	10	6.00	\$ 428.40	\$ 2,570.40
36	05075	SANITARY SEWER SPOT REPAIR	EACH	2	1.00	\$ 5,975.00	\$ 5,975.00
37	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 4,075.00	\$ -
38	05080	SANITARY LATERAL REINSTATEMENT	EACH	10	10.00	\$ 127.50	\$ 1,275.00
39	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	682	684.00	\$ 26.93	\$ 18,420.12
40	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	591	593.00	\$ 25.50	\$ 15,121.50
41	05334	24 INCH CIPP STORM SEWER PIPE	LF	950	959.00	\$ 130.00	\$ 124,670.00
42	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10	6.00	\$ 3,519.00	\$ 21,114.00
43	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	100	38.00	\$ 59.16	\$ 2,248.08
44	05400	48 INCH DIA SANITARY MANHOLE	VF	9	9.00	\$ 777.00	\$ 6,993.00
45	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	8	9.00	\$ 1,275.00	\$ 11,475.00
46	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	9	13.00	\$ 1,187.00	\$ 15,431.00

47	05475	48-INCH STORM SEWER MANHOLE	EACH	3	3.00	\$ 1,990.00	\$ 5,970.00
48	05478	84-INCH STORM SEWER MANHOLE	EACH	1	1.00	\$ 8,785.00	\$ 8,785.00
49	05485	2'X3' STORM INLET	EACH	25	29.00	\$ 2,340.00	\$ 67,860.00
50	05542	12 INCH RCP STORM SEWER PIPE	LF	400	492.80	\$ 118.00	\$ 58,150.40
51	05545	15 INCH RCP STORM SEWER PIPE	LF	125	129.00	\$ 129.00	\$ 16,641.00
52	05548	18 INCH RCP STORM SEWER PIPE	LF	25		\$ 131.00	\$ -
53	05551	21 INCH RCP STORM SEWER PIPE	LF	10		\$ 225.00	\$ -
54	05554	24 INCH RCP STORM SEWER PIPE	LF	10		\$ 232.00	\$ -
55	05565	60 INCH RCP STORM SEWER PIPE	LF	20	8.00	\$ 422.00	\$ 3,376.00
56	05680	STORM SEWER INLET REPAIR	VF	36	7.52	\$ 500.00	\$ 3,760.00
57	05692	STORM SEWER MANHOLE REPAIR	VF	92	4.50	\$ 415.00	\$ 1,867.50
58	05850	CONCRETE COLLAR	EACH	5	2.00	\$ 440.00	\$ 880.00
59	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,756	1,274.10	\$ 1.89	\$ 2,408.05
60	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	54	40.00	\$ 234.60	\$ 9,384.00
61	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,400		\$ 2.96	\$ -
62	05990	CONNECT TO EXISTING STORM SEWER	EACH	2	2.00	\$ 650.00	\$ 1,300.00
63	05991	MODIFY EXT STORM MANHOLE TO CURB INLET	EACH	3	2.00	\$ 1,305.00	\$ 2,610.00
64	05992	MODIFY EXT CURB INLET TO STORM MANHOLE	EACH	5	4.00	\$ 1,305.00	\$ 5,220.00
65	06100	EXTRA BAGS OF CEMENT	EA	100		\$ 20.00	\$ -
66	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	100	134.55	\$ 100.00	\$ 13,455.00
67	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200	45.90	\$ 70.00	\$ 3,213.00
68	07008	8-INCH CONCRETE PAVEMENT	SY	2,750	4,348.70	\$ 40.00	\$ 173,948.00
69	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	12,750	11,641.20	\$ 42.00	\$ 488,930.40
70	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	100	57.80	\$ 20.00	\$ 1,156.00
71	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	7,350	6,676.10	\$ 20.00	\$ 133,522.00
72	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	75	86.22	\$ 20.00	\$ 1,724.40
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	508	424.00	\$ 70.00	\$ 29,680.00

74	07302	PEDESTRIAN CURB	LF	300	317.50	\$ 50.00	\$ 15,875.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400	0.00	\$ 6.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	42,800.15	\$ 6.50	\$ 278,200.98
77	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	2,250	1,539.10	\$ 7.00	\$ 10,773.70
78	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	6,000	6,069.25	\$ 7.00	\$ 42,484.75
79	07990	8-INCH CONCRETE PAVEMENT, COLORED	SY	1,600	1,483.67	\$ 108.00	\$ 160,236.36
80	07991	9-INCH DOWELED CONCRETE PAVEMENT, COLORED	SY	600	531.89	\$ 112.00	\$ 59,571.68
81	07992	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE TBT	LF	800	747.90	\$ 25.00	\$ 18,697.50
82	07994	CONCRETE PAVEMENT APPROACH SLAB, WISDOT 415.0410	SY	200	160.26	\$ 210.00	\$ 33,654.60
83	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2,750	2,053.30	\$ 5.30	\$ 10,882.49
84	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,500	1,180.67	\$ 55.00	\$ 64,936.85
85	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	625	307.00	\$ 100.00	\$ 30,700.00
86	08204	HMA PAVEMENT TYPE 4 LT 58 28 S	TON	100	0.00	\$ 115.00	\$ -
87	08208	HMA PAVEMENT TYPE 5 LT 58 28 H	TON	450	211.26	\$ 135.00	\$ 28,520.10
88	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58 28 S	TON	50	56.87	\$ 200.00	\$ 11,374.00
89	09980	REMOVING OLD STRUCTURE STA 114+54, WisDOT 203.0200	LS	1	1.00	\$ 70,000.00	\$ 70,000.00
90	09981	EXCAVATION FOR STRUCTURES BRIDGES B-67-039, WisDOT 206.1000	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
91	09982	CONCRETE MASONRY BRIDGES, WisDOT 502.0100	CY	18	15.50	\$ 1,400.00	\$ 21,700.00
92	09983	PROTECTIVE SURFACE TREATMENT, WisDOT 502.3200	SY	587	498.75	\$ 2.50	\$ 1,246.88
93	09984	SAWING PAVEMENT DECK PREPARATION AREAS, WisDOT 509.0310.S	LF	687	64.00	\$ 15.00	\$ 960.00
94	09985	PREPARATION DECKS TYPE 1, WisDOT 509.0351	SY	75	182.00	\$ 230.00	\$ 41,860.00
95	09986	PREPARATION DECKS TYPE 2, WisDOT 509.0352	SY	30	80.39	\$ 290.00	\$ 23,313.10
96	09987	CLEANING DECKS, WisDOT 509.0500	SY	398	393.00	\$ 30.00	\$ 11,790.00
97	09988	CURB REPAIR, WisDOT 509.1200	LF	30	56.60	\$ 100.00	\$ 5,660.00
98	09989	CONCRETE SURFACE REPAIR, WisDOT 509.1500	SF	140	65.49	\$ 325.00	\$ 21,284.25
99	09990	CONCRETE MASONRY OVERLAY DECKS, WisDOT 509.2500	CY	24	40.90	\$ 2,000.00	\$ 81,800.00
100	09991	ADHESIVE ANCHORS 1/2-INCH, WisDOT 502.4104	EACH	16	80.00	\$ 20.00	\$ 1,600.00

101	09992	BAR STEEL REINFORCEMENT HS COATED STRUCTURES, WisDOT 505.0600	LB	1,020	1,607.09	\$ 4.50	\$ 7,231.91
102	09993	JOINT REPAIR, WisDOT 509.1000	SY	26	23.20	\$ 1,300.00	\$ 30,160.00
103	09994	CLEANING AND PAINTING BEARINGS	EACH	30	30.00	\$ 600.00	\$ 18,000.00
104	09995	PEDESTRIAN RAILING	LF	132	131.50	\$ 170.00	\$ 22,355.00
105	10002A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & WISCONSIN	LS	1	1.00	\$ 2,891.14	\$ 2,891.14
106	10002B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & SOUTH	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
107	10002C	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & MAIN	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
108	10002D	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & BANK	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
109	10002E	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & ST PAUL	LS	1	1.00	\$ 1,314.14	\$ 1,314.14
110	10002F	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & NORTH	LS	1	1.00	\$ 1,314.14	\$ 1,314.14
111	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	900	299.50	\$ 7.39	\$ 2,213.31
112	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	3,510	3,014.00	\$ 8.06	\$ 24,292.84
113	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	43	39.00	\$ 840.85	\$ 32,793.15
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	18.00	\$ 677.85	\$ 12,201.30
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	12.00	\$ 885.39	\$ 10,624.68
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	13.00	\$ 4,234.80	\$ 55,052.40
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	3.00	\$ 1,538.03	\$ 4,614.09
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	3,149.00	\$ 1.43	\$ 4,503.07
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	7,630.50	\$ 2.06	\$ 15,718.83
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,694.00	\$ 1.54	\$ 2,608.76
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	6,298.00	\$ 1.57	\$ 9,887.86
122	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,180	1,230.00	\$ 1.04	\$ 1,279.20
123	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,010	6,703.00	\$ 1.51	\$ 10,121.53
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1	1.00	\$ 993.98	\$ 993.98
125	10140B	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & MAIN, WDOT 655.0200.02	LS	1	1.00	\$ 993.98	\$ 993.98
126	10140C	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & BANK, WDOT 655.0200.03	LS	1	1.00	\$ 993.98	\$ 993.98

127	10140D	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & NORTH, WDOT 655.0200.04	LS	1	1.00	\$ 1,519.64	\$ 1,519.64
128	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	17.00	\$ 257.62	\$ 4,379.54
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	16.00	\$ 470.30	\$ 7,524.80
130	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	3	3.00	\$ 25,319.53	\$ 75,958.59
131	10154	POLES, TYPE 4, WDOT 657.0315	EACH	16	16.00	\$ 1,442.67	\$ 23,082.72
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	16.00	\$ 200.09	\$ 3,201.44
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	14.00	\$ 642.62	\$ 8,996.68
134	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	3	3.00	\$ 537.44	\$ 1,612.32
135	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	54	54.00	\$ 620.72	\$ 33,518.88
136	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10	10.00	\$ 755.11	\$ 7,551.10
137	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1	1.00	\$ 896.79	\$ 896.79
138	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	32	32.00	\$ 417.72	\$ 13,367.04
139	10735A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 9,844.36	\$ 9,844.36
140	10735B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SOUTH ST	LS	1	1.00	\$ 10,896.08	\$ 10,896.08
141	10735C	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, MAIN ST	LS	1	1.00	\$ 9,844.36	\$ 9,844.36
142	10735D	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, BANK ST	LS	1	1.00	\$ 8,398.39	\$ 8,398.39
143	10800A	SIGNAL MOUNTING HARDWARE, WISCONSIN AVE, WDOT 658.5069.01	LS	1	1.00	\$ 3,417.79	\$ 3,417.79
144	10800B	SIGNAL MOUNTING HARDWARE, SOUTH ST, WDOT 658.5069.02	LS	1	1.00	\$ 5,492.01	\$ 5,492.01
145	10800C	SIGNAL MOUNTING HARDWARE, MAIN ST, WDOT 658.5069.03	LS	1	1.00	\$ 4,218.26	\$ 4,218.26
146	10800D	SIGNAL MOUNTING HARDWARE, CORRINA BLVD, WDOT 658.5069.04	LS	1	1.00	\$ 1,489.63	\$ 1,489.63
147	10800E	SIGNAL MOUNTING HARDWARE, BANK ST, WDOT 658.5069.05	LS	1	1.00	\$ 2,903.61	\$ 2,903.61
148	10800F	SIGNAL MOUNTING HARDWARE, ST PAUL, WDOT 658.5069.06	LS	1	1.00	\$ 1,694.13	\$ 1,694.13
149	10800G	SIGNAL MOUNTING HARDWARE, NORTH ST, WDOT 658.5069.07	LS	1	1.00	\$ 1,250.07	\$ 1,250.07
150	10900A	EMERGENCY VEHICLE PREEMPTION SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 7,392.98	\$ 7,392.98
151	10900B	EMERGENCY VEHICLE PREEMPTION SYSTEM, SOUTH ST	LS	1	1.00	\$ 7,392.98	\$ 7,392.98
152	10900C	EMERGENCY VEHICLE PREEMPTION SYSTEM, MAIN ST	LS	1	1.00	\$ 7,392.98	\$ 7,392.98

153	10900D	EMERGENCY VEHICLE PREEMPTION SYSTEM, BANK ST	LS	1	1.00	\$ 6,934.90	\$ 6,934.90
154	10950A	VIDEO VEHICLE DETECTION SYSTEM, SOUTH ST	LS	1	1.00	\$ 31,520.08	\$ 31,520.08
155	10950B	VIDEO VEHICLE DETECTION SYSTEM, MAIN ST	LS	1	1.00	\$ 31,520.08	\$ 31,520.08
156	10950C	VIDEO VEHICLE DETECTION SYSTEM, BANK ST	LS	1	1.00	\$ 28,052.91	\$ 28,052.91
157	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, WISCONSIN AVE	LS	1	1.00	\$ 262.83	\$ 262.83
158	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 525.66	\$ 525.66
159	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, WISCONSIN AVE	EACH	1	1.00	\$ 525.66	\$ 525.66
160	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, WISCONSIN AVE	LS	1	1.00	\$ 881.97	\$ 881.97
161	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, SOUTH ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
162	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, MAIN ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
163	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, BANK ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
164	10985	REMOVE, SALVAGE AND RE-INSTALL EXISTING VIDEO DETECTION SYSTEM, WISCONSIN AVE	LS	1	1.00	\$ 5,875.64	\$ 5,875.64
165	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & WISCONSIN	LS	1	1.00	\$ 9,347.41	\$ 9,347.41
166	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & ST PAUL	LS	1	1.00	\$ 8,354.32	\$ 8,354.32
167	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & NORTH	LS	1	1.00	\$ 8,354.32	\$ 8,354.32
168	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	13	13.00	\$ 1,125.23	\$ 14,627.99
169	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	7.00	\$ 938.36	\$ 6,568.52
170	10989	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	6	6.00	\$ 1,069.77	\$ 6,418.62
171	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	15	15.00	\$ 267.07	\$ 4,006.05
172	10993	FLASHING 30-INCH LED PED SIGN	EACH	4	4.00	\$ 2,307.74	\$ 9,230.96
173	10994	TRAFFIC SIGNAL FACE 3S 12-INCH WITH GEOMETRICALLY PROGRAMMED LOUVER	EACH	7	7.00	\$ 1,323.26	\$ 9,262.82
174	10995	PEDESTAL BASES, WDOT 657.0100, INSTALL ON EXISTING CONCRETE BASE	EACH	5	6.00	\$ 419.36	\$ 2,516.16
175	10996	RELOCATE EXISTING SIGNAL POLE TO NEW BASE (E. NORTH ST.)	EACH	1	1.00	\$ 818.81	\$ 818.81
176	11001	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	3	2.00	\$ 677.85	\$ 1,355.70
177	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	4	4.00	\$ 805.79	\$ 3,223.16
178	11012	CONCRETE BASE - TYPE POST TOP	EACH	49	48.00	\$ 684.57	\$ 32,859.36

179	11016	CONCRETE CABINET BASE - TYPE L30, WDOT 654.0230	EACH	1	1.00	\$ 1,275.21	\$ 1,275.21
180	11025	PULL BOX - 15-INCH PVC	EACH	40	39.00	\$ 620.70	\$ 24,207.30
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	16.00	\$ 814.57	\$ 13,033.12
182	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	6,750	7,368.50	\$ 8.60	\$ 63,369.10
183	11112	CONDUIT 3-INCH HDPE	LF	3,750	3,471.00	\$ 9.51	\$ 33,009.21
184	11120	12/2 UF W/GROUND WIRE	LF	4,000	1,694.00	\$ 1.76	\$ 2,981.44
185	11123	#10 XLP USE WIRE	LF	1,000	981.00	\$ 1.04	\$ 1,020.24
186	11124	#8 XLP USE WIRE	LF	750	2,581.50	\$ 1.16	\$ 2,994.54
187	11125	#6 XLP USE WIRE	LF	6,800	7,942.60	\$ 1.33	\$ 10,563.66
188	11126	#4 XLP USE WIRE	LF	20,400	20,936.80	\$ 1.74	\$ 36,430.03
189	11127	#2 XLP USE WIRE	LF	11,800	11,211.70	\$ 2.29	\$ 25,674.79
190	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	1.00	\$ 3,942.43	\$ 3,942.43
191	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	40	39.00	\$ 292.04	\$ 11,389.56
192	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	60	40.00	\$ 65.71	\$ 2,628.40
193	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	11	16.00	\$ 523.13	\$ 8,370.08
194	11500	TEMPORARY STREET LIGHTING	LS	1	1.00	\$ 23,802.19	\$ 23,802.19
195	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	1.00	\$ 17,231.47	\$ 17,231.47
196	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	16	18.00	\$ 1,494.49	\$ 26,900.82
197	11990	PARK LUMINAIRE REMOVE & DISPOSE OF	EACH	14	13.00	\$ 262.83	\$ 3,416.79
198	11991	INSTALL PROVIDED PARK LUMINAIRE	EACH	14	13.00	\$ 350.47	\$ 4,556.11
199	11992	REMOVE AND SALVAGE TYPE 5 POLE AND LUMINAIRE	EACH	10	11.00	\$ 555.98	\$ 6,115.78
200	11993	REMOVE AND SALVAGE POST TOP POLE AND LUMINAIRE	EACH	13	13.00	\$ 555.98	\$ 7,227.74
201	11994	INSTALL PROVIDED TYPE 5 POLE & LUMINAIRE	EACH	24	4.00	\$ 621.69	\$ 2,486.76
202	11995	INSTALL PROVIDED POST TOP POLE & LUMINAIRE	EACH	64	51.00	\$ 643.63	\$ 32,825.13
203	11996	INSTALL PROVIDED RECEPTACLE CABINET	EACH	1	1.00	\$ 8,093.11	\$ 8,093.11
204	11997	120/240 METER PEDESTAL	EACH	1	1.00	\$ 993.98	\$ 993.98
205	11998	SPREAD FOOTING, POST TOP BASE	EACH	5	3.00	\$ 889.57	\$ 2,668.71

206	11999	COMMUNICATION CONDUIT ACROSS BARSTOW BRIDGE	LS	1	1.00	\$ 2,803.58	\$ 2,803.58
207	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4,200	3,812.00	\$ 5.25	\$ 20,013.00
208	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	7,600	7,382.00	\$ 1.60	\$ 11,811.20
209	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	400	364.80	\$ 1.85	\$ 674.88
210	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	1,500	1,470.60	\$ 2.10	\$ 3,088.26
211	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	1,400	1,635.10	\$ 12.75	\$ 20,847.53
212	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,750	1,650.10	\$ 8.50	\$ 14,025.85
213	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	550	469.80	\$ 14.25	\$ 6,694.65
214	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	12	12.00	\$ 275.00	\$ 3,300.00
215	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4	6.00	\$ 275.00	\$ 1,650.00
216	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	13	12.00	\$ 350.00	\$ 4,200.00
217	12990	PAVEMENT MARKING REMOVAL	LS	1	1.00	\$ 20,000.00	\$ 20,000.00
218	12991	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	8	11.00	\$ 175.00	\$ 1,925.00
219	13002	REMOVE SIGN	EACH	107	115.00	\$ 55.00	\$ 6,325.00
220	13003	REMOVE POSTS	EACH	64	58.00	\$ 35.00	\$ 2,030.00
221	13006	REMOVE, STORE AND RE-INSTALL SIGNS W/ NEW POSTS	EACH	29	26.00	\$ 265.00	\$ 6,890.00
222	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	72	73.00	\$ 225.00	\$ 16,425.00
223	13030	SIGN, REFLECTIVE TYPE II	EACH	172	186.00	\$ 195.00	\$ 36,270.00
224	13300	MOVE SIGN	EACH	8	12.00	\$ 265.00	\$ 3,180.00
225	13990	CONCRETE BASE TYPE 1 (DECORATIVE POLE)	EACH	2	1.00	\$ 2,500.00	\$ 2,500.00
226	13991	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	55	69.00	\$ 150.00	\$ 10,350.00
227	14001	TOPSOIL	SY	200	124.30	\$ 10.00	\$ 1,243.00
228	14005	TOPSOIL & SOD	SY	1,000	964.21	\$ 17.80	\$ 17,162.94
229	14052	STRUCTURAL SOIL	CY	950	240.20	\$ 110.00	\$ 26,422.00
230	14076	SALVAGE AND REUSE BRICK PAVERS	SF	2,000	1,025.40	\$ 15.00	\$ 15,381.00
231	14075	BITUMINOUS SET CONCRETE PAVERS	SF	38,000	37,821.00	\$ 20.50	\$ 775,330.50
232	14080	TREE GRATES	EACH	16	16.00	\$ 4,000.00	\$ 64,000.00

233	14988	INSTALL CITY FURNISHED TREE GRATE	EACH	30	18.00	\$ 1,000.00	\$ 18,000.00
234	14989	PLANTER BED CURB	LF	950	859.10	\$ 50.00	\$ 42,955.00
235	14990	ARONIA MELANOCARPA "MORTON" (IROQUOIS BEAUTY BLACK CHOKEBERRY)	EACH	17	16.00	\$ 95.00	\$ 1,520.00
236	14991	HYDRANGEA PANICULATA "BOBO" (BOBO HYDRANGEA)	EACH	10		\$ 115.00	\$ -
237	14992	HYDRANGEA PANICULATA "LITTLE LIME" (LITTLE LIME HYDRANGEA)	EACH	4		\$ 115.00	\$ -
238	14993	ROSA RUGOSA "DWARF PAVEMENT" (DWARF PAVEMENT RUGOSA ROSE)	EACH	26	26.00	\$ 95.00	\$ 2,470.00
239	14994	VIBURNUM LENTAGO "TREE FORM" (TREE FORM NANNYBERRY VIBUMUM)	EACH	3	3.00	\$ 650.00	\$ 1,950.00
240	14995	CALAMAGROSTIS X ACUTIFLORA "KARL FOERSTER" (FEATHER REED GRASS)	EACH	25		\$ 42.00	\$ -
241	14996	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	74	68.00	\$ 42.00	\$ 2,856.00
242	14997	ACHILLEA X "MOONSHINE" (MOONSHINE YARROW)	EACH	23	15.00	\$ 42.00	\$ 630.00
243	14998	HEMEROCALLIS X "STELLA DE ORO" (STELLA DE ORO DAYLILY)	EACH	95	96.00	\$ 42.00	\$ 4,032.00
244	14999	NEPETA X FAASSENII "NOVANEPJUN" TM (JUNIOR WALKER CATMINT)	EACH	16	20.00	\$ 42.00	\$ 840.00
245	15001	24-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	100	98.00	\$ 840.00	\$ 82,320.00
246	15002	12-INCH WATER MAIN AND FITTINGS (NEXT TO EXISTING WATER MAIN)	LF	3,020	3,030.00	\$ 170.00	\$ 515,100.00
247	15003	12-INCH WATER MAIN AND FITTINGS (REMOVE EXISTING WATER MAIN	LF	340	328.00	\$ 160.00	\$ 52,480.00
248	15004	8-INCH WATER MAIN AND FITTINGS	LF	240	240.00	\$ 235.00	\$ 56,400.00
249	15005	12-INCH GATE VALVE AND BOX	EACH	8	8.00	\$ 3,150.00	\$ 25,200.00
250	15006	8-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,630.00	\$ 3,260.00
251	15007	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	8	8.00	\$ 7,530.00	\$ 60,240.00
252	15008	CONNECT SERVICE LATERAL (SL1)	EACH	6	6.00	\$ 3,065.00	\$ 18,390.00
253	15009	CONNECT SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,575.00	\$ 3,575.00
254	15010	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 3,455.00	\$ 3,455.00
255	15011	CONNECT SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 3,340.00	\$ 3,340.00
256	15012	CONNECT SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 3,450.00	\$ 3,450.00
257	15013	CONNECT SERVICE LATERAL (SL6)	EACH	1	1.00	\$ 3,300.00	\$ 3,300.00
258	15014	CONNECT SERVICE LATERAL (SL7)	EACH	4	4.00	\$ 5,465.00	\$ 21,860.00
259	15015	CONNECT SERVICE LATERAL (SL8)	EACH	3	3.00	\$ 9,125.00	\$ 27,375.00

260	15016	CONNECT SERVICE LATERAL (SL9)	EACH	1	1.00	\$ 7,900.00	\$ 7,900.00
261	15017	CONNECT SERVICE LATERAL (SL10)	EACH	1	1.00	\$ 9,795.00	\$ 9,795.00
262	15018	TEMPORARY WATER SUPPLY SYSTEM (SL11)	EACH	1	1.00	\$ 13,300.00	\$ 13,300.00
263	15019	ABANDON EXISTING HYDRANT	EACH	9	5.00	\$ 885.00	\$ 4,425.00
264	15020	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 3,450.00	\$ 3,450.00
265	15021	FURNISH AND INSTALL BLOW-OFFS	LS	1	1.00	\$ 3,450.00	\$ 3,450.00
Extra No. 1		FULL DEPTH DECK REPAIR	SY		1.93	\$ 1,552.50	\$ 2,996.33
Extra No. 2		EPOXY CRACK INJECTION	LF		88.20	\$ 139.15	\$ 12,273.03
Extra No. 3		BRIDGE DECK OVERLAY CRACK SEALING	LF		500.00	\$ 3.00	\$ 1,500.00
Extra No. 4		GROUTING OF EXISITNG SANITARY MH 5288	LS		1.00	\$ 1,628.63	\$ 1,628.63
Extra No. 5		INCENTIVE PAYMENT	DAY		22.00	\$ 2,000.00	\$ 44,000.00

Total \$ 6,662,157.18

Less Retainage \$ 30,000.00

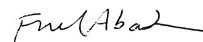
Total \$ 6,632,157.18

Less Previously Paid \$ 6,594,193.95

Total Amount Due \$ 37,963.23

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$37,963.23 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

January 21, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to **Stuckey Construction Co., Inc.**, 2020 N. Lewis Avenue, Waukegan, IL 60087 for the Buchner Park Community Pool and Building.

Contract No. #4171

CONTRACT DATE:

May 15, 2020

Original:

\$ 6,745,000.00

Updated:

\$ 6,785,393.00

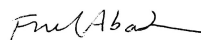
Item No.	Item Description	Scheduled Value	Completed Work
0010	Supervision	\$180,000.00	\$93,000.00
0020	Performance Bond	\$41,500.00	\$41,500.00
0030	Building Permit	\$6,500.00	\$6,500.00
0040	Temp Fencing	\$6,000.00	\$6,000.00
0050	Misc. General Conditions	\$129,996.00	\$70,198.00
0060	Excavation	\$657,344.00	\$488,767.00
0070	Asphalt Striping	\$8,051.25	
0080	Asphalt Paving	\$37,280.00	
0090	Site Concrete	\$286,649.00	
0100	Trench Drain	\$29,000.00	
0110	Decorative Fence/Gate	\$95,260.00	
0120	Bike Racks	\$3,743.72	
0130	Rubber Paving	\$4,260.00	
0140	Landscaping	\$35,801.00	
0150	Concrete Building	\$338,660.00	\$338,660.00
0160	Pool Concrete	\$677,528.00	\$677,528.00
0170	Rebar	\$40,700.00	\$40,700.00
0180	Rebar Installation	\$43,175.00	\$43,175.00
0190	Masonry	\$398,700.00	\$290,000.00
0200	Steel	\$55,100.00	\$25,000.00
0210	Carpentry	\$291,042.69	\$240,000.00
0220	Millwork	\$30,755.00	
0230	Waterproofing	\$10,400.00	\$10,400.00
0240	Dampproofing	\$19,785.00	\$19,785.00
0250	Siding	\$81,700.00	\$20,000.00
0260	Roofing	\$63,575.00	\$63,575.00
0270	Insulation	\$19,985.00	
0280	Sealants	\$37,300.00	
0290	Doors/Frames/Hardware	\$88,847.00	\$88,847.00
0300	Alum Windows	\$119,400.00	\$16,000.00
0310	Drywall	\$53,480.00	

0320	Furring/Insulation	\$38,700.00	
0330	Floor Tile	\$10,560.00	
0340	Pool Tile	\$64,800.00	
0350	Accoustical Ceiling	\$6,868.00	
0360	Painting Concrete	\$25,000.00	
0370	Painting	\$48,900.00	
0380	Signage	\$6,868.00	
0390	Lockers	\$7,800.00	
0395	Toilet Comp	\$7,559.00	
0400	Toilet Accessories	\$11,597.00	
0410	Pool Equipment Labor	\$50,737.53	
0420	Pool Mechanical	\$363,858.00	\$204,546.00
0430	Pool Equipment	\$138,102.00	\$16,800.00
0440	Pool Pump	\$20,522.00	
0450	VFD	\$15,536.00	
0460	Pool Fillter	\$60,000.00	\$57,450.00
0470	Misc Pool Equipment	\$27,500.00	
0480	Pool Controller	\$109,444.00	
0490	Shelter Labor	\$32,000.00	
0500	Shelter Slides	\$298,549.00	\$150,075.00
0510	HVAC	\$445,000.00	\$89,500.00
0520	Fire Protection	\$83,475.00	\$10,950.00
0530	Plumbing	\$253,266.00	\$116,866.00
0540	Electrical	\$347,100.00	\$194,700.00
0550	OH & P	\$379,940.81	\$205,168.00
	CO 1	\$39,893.00	\$38,243.00

Total	\$	3,663,933.00
Less Retainage	\$	169,634.83
Total	\$	3,494,298.17
Less Previously Paid	\$	2,583,810.95
Total Amount Due	\$	910,487.22

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$910,487.22 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

