

SUMMARY TABLE  
FOR  
PARTIAL PAYMENTS

**April 20, 2023**

1. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plan.	\$38,532.53
2. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plan.	\$68,380.00
3. State Contractors, Inc. for West Broadway and East Avenue Street Utility and Traffic Improvements.	\$445,623.13
4. State Contractors, Inc. for Buchner Park Step Replacement.	\$20,595.21

April 20, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 26 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

Amended \$ 17,424,113.20

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
<b>RETURN FLOW PUMP STATION</b>							
301	<b>MOBILIZATION AND GC</b>						
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 196,883.54			\$ 196,883.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 208,890.00			\$ 208,890.00
301.03	ELEC MOBILIZATIONTEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 103,573.36			\$ 103,573.36
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 11,105.82			\$ 11,105.82

302	<b>UNIT PRICES</b>						
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	<b>CONTINGENCY ALLOWANCES</b>						
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

304	<b>SITWORK</b>						
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57	\$ 63,797.57			\$ 63,797.57
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 110,000.00			\$ 110,000.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 65,000.00			\$ 65,000.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ 6,300.00			\$ 6,300.00
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ 18,933.75			\$ 18,933.75
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 107,700.00			\$ 107,700.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00

305.00	<b>BLDG 320 - UV DISINFECTION</b>						
301.23	DEMOLITION (L)	LS	\$ 6,128.00	\$ 6,128.00			\$ 6,128.00
301.24	CONCRETE	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ 5,500.00			\$ 5,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,422,595.24			\$ 1,422,595.24

301.26	EARTHWORK	LS	\$ 7,500.00	\$ 7,500.00		\$ 7,500.00
301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00	\$ 13,680.00		\$ 13,680.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00	\$ 15,750.00		\$ 15,750.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00	\$ 4,320.00		\$ 4,320.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 1,500.00		\$ 1,500.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00	\$ -		\$ -

<b>BLDG 325 - RETURN FLOW PUMP STATION</b>						
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00	\$ 175,260.00		\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 343,405.00		\$ 343,405.00
301.33	SLAB	LS	\$ 86,500.00	\$ 86,500.00		\$ 86,500.00
301.34	EQUIPMENT PADS	LS	\$ 32,750.00	\$ 32,750.00		\$ 32,750.00
301.35	PRECAST	LS	\$ 52,650.00	\$ 52,650.00		\$ 52,650.00
301.36	MASONRY	LS	\$ 385,322.00	\$ 385,322.00		\$ 385,322.00
301.37	METAL FABRICATIONS	LS	\$ 334,383.00	\$ 334,382.20		\$ 334,382.20
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00	\$ 26,800.00		\$ 26,800.00
301.39	AIR BARRIER	LS	\$ 27,500.00	\$ 27,500.00		\$ 27,500.00
301.40	ROOFING	LS	\$ 72,600.00	\$ 72,600.00		\$ 72,600.00
301.41	JOINT SEALANTS	LS	\$ 17,250.00	\$ 17,250.00		\$ 17,250.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 42,500.00		\$ 42,500.00
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00	\$ 6,500.00		\$ 6,500.00
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ 8,700.00		\$ 8,700.00
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 153,824.00		\$ 153,824.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ 15,350.00		\$ 15,350.00
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 275,000.00		\$ 275,000.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 17,748.00		\$ 17,748.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 244,725.20		\$ 244,725.20
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00	\$ 18,200.00		\$ 18,200.00
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00	\$ 97,000.00		\$ 97,000.00
301.52	OVERHEAD CRANE	LS	\$ 42,350.00	\$ 40,232.50		\$ 40,232.50
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00	\$ 28,210.00		\$ 28,210.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 1,157,281.00		\$ 1,157,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00	\$ 8,100.00		\$ 8,100.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 44,000.00		\$ 44,000.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ 31,900.00		\$ 31,900.00
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ 35,500.00		\$ 35,500.00
301.57	HVAC INSULATION	LS	\$ 16,000.00	\$ 16,000.00		\$ 16,000.00
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00	\$ 14,000.00		\$ 14,000.00
301.330	HVAC FANS	LS	\$ 6,500.00	\$ 6,500.00		\$ 6,500.00
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00	\$ 116,620.00		\$ 116,620.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 509,000.00		\$ 509,000.00
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 207,560.64		\$ 207,560.64
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ 115,173.60		\$ 115,173.60
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67		\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 196,616.71		\$ 196,616.71

CHANGE ORDERS							
301.90	1.1A 25KVA GEAR	LS	\$ 10,738.35	\$ 10,738.35			\$ 10,738.35
301.91	1.1B 45 DEGREE BEND CREDIT	LS	\$ (8,547.00)	\$ (8,547.00)			\$ (8,547.00)
301.92	1.1C UL TIE BREAKER CREDIT	LS	\$ (5,250.00)	\$ (5,250.00)			\$ (5,250.00)
301.93	1.1D ADDED PLASTER	LS	\$ 1,558.45	\$ 1,558.45			\$ 1,558.45
301.94	1.1E GENERATOR SUPPORTS	LS	\$ 3,236.30	\$ 3,236.30			\$ 3,236.30
301.95	1.1F FOOTING INSULATION	LS	\$ 406.99	\$ 406.99			\$ 406.99
301.96	1.2A Misc T&M Items	LS	\$ 4,244.32	\$ -	\$ 4,244.32		\$ 4,244.32
301.97	1.2B NG Generator	LS	\$ 1,781.64	\$ -	\$ 1,781.64		\$ 1,781.64
301.98	1.2C 325 Overhead Door Power	LS	\$ 6,105.30	\$ -	\$ 6,105.30		\$ 6,105.30
301.99	1.2D Generator Conduits	LS	\$ (6,648.00)	\$ -	\$ (6,648.00)		\$ (6,648.00)
301.990	1.2E WDC 006	LS	\$ 4,666.20	\$ -	\$ 4,666.20		\$ 4,666.20
301.991	1.2F Load Bank Testing	LS	\$ 4,641.81	\$ -	\$ 4,641.81		\$ 4,641.81
301.992	1.3A 24" Butterfly Valve	LS	\$ 20,647.94	\$ -	\$ 20,647.94		\$ 20,647.94
301.993	1.3B VFD for Fans	LS	\$ 3,790.23	\$ -	\$ 3,790.23		\$ 3,790.23
301.994	1.3C Addition Supports	LS	\$ 2,712.77	\$ -	\$ 2,712.77		\$ 2,712.77
301.995	1.3D Fiber Optic Repair	LS	\$ 4,107.32	\$ -	\$ 4,107.32		\$ 4,107.32
301.996	1.3E Harmonic Study	LS	\$ (1,000.00)	\$ -	\$ (1,000.00)		\$ (1,000.00)
301.997	1.3F Building 325 Revision	LS	\$ (6,517.00)	\$ -	\$ (6,517.00)		\$ (6,517.00)

**RETURN FLOW PUMP STATION SUBTOTAL: \$ 7,959,849.42**

**ADVANCED PHOSPHORUS**

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 242,488.67			\$ 242,488.67
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 265,860.00			\$ 265,860.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 131,820.32			\$ 131,820.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 14,134.67			\$ 14,134.67

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300	3		\$ 56.00	\$ 168.00
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270	22.16		\$ 44.00	\$ 974.95
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	\$ 56,700.00			\$ 56,700.00
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 100,919.00	\$ 100,919.00			\$ 100,919.00
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ 209,142.13			\$ 209,142.13
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ 29,528.25			\$ 29,528.25
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 12,200.00			\$ 12,200.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 42,800.00			\$ 42,800.00
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00	\$ 2,300.00			\$ 2,300.00
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00	\$ 25,400.00			\$ 25,400.00
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00	\$ 726,100.00			\$ 726,100.00

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

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

307 <b>BLDG 210 - AERATION TANKS</b>							
300.08	DEMOLITION (L)	LS	\$ 123,500.00	\$ 123,500.00			\$ 123,500.00
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00	\$ 180,500.00			\$ 180,500.00
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00	\$ 171,100.00			\$ 171,100.00

308 <b>BLDG 230 - FINAL CLARIFIERS</b>							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,735.25			\$ 7,735.25
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00	\$ 8,496.00			\$ 8,496.00
300.101	PAINTING AND COATING	LS	\$ 17,500.00	\$ 17,500.00			\$ 17,500.00

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

310 <b>BLDG 250 - CHEMICAL BUILDING</b>							
300.10	ELECTRICAL	LS	\$ (10,279.00)	\$ (10,279.00)			\$ (10,279.00)
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 7,148.51			\$ 7,148.51
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 10,049.75			\$ 10,049.75
300.112	FRP GRATING	LS	\$ 5,000.00	\$ 5,000.00			\$ 5,000.00
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ 11,500.00			\$ 11,500.00
300.113	PLUMBING - PIPING	LS	\$ 3,750.00	\$ 3,750.00			\$ 3,750.00
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.115	ELECTRICAL	LS	\$ 52,685.28	\$ 52,685.28			\$ 52,685.28
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00	\$ 110,072.00			\$ 110,072.00
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00	\$ 30,600.00			\$ 30,600.00
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00	\$ 800.00			\$ 800.00
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00	\$ 24,600.00			\$ 24,600.00
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00	\$ 40,000.00			\$ 40,000.00
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 47,200.00			\$ 47,200.00
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 35,450.00			\$ 35,450.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00	\$ 57,200.00			\$ 57,200.00
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00	\$ 3,000.00			\$ 3,000.00

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

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

<b>312 BLDG 310 - FILTER BUILDING</b>						
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 289,593.00		\$ 289,593.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 48,109.00		\$ 48,109.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 36,459.00		\$ 36,459.00
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 211,442.00		\$ 211,442.00
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 45,000.00		\$ 45,000.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 11,300.00		\$ 11,300.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 226,700.00		\$ 226,700.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ 308,700.00		\$ 308,700.00
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 1,141,969.15		\$ 1,141,969.15
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ 91,000.00		\$ 91,000.00
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00	\$ 200,900.00		\$ 200,900.00
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00	\$ 193,509.42		\$ 193,509.42
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 377,900.00		\$ 377,900.00
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00	\$ 10,100.00		\$ 10,100.00

<b>313 BLDG 330 - PRETREATMENT BUILDING</b>						
300.24	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00		\$ 2,500.00
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 15,660.00		\$ 15,660.00
300.242	ELECTRICAL	LS	\$ 3,243.49	\$ 3,243.49		\$ 3,243.49

<b>314 BLDG 400 - SLUDGE THICKENING BUILDING</b>						
300.25	PAINTING AND COATING	LS	\$ 9,700.00	\$ 9,700.00		\$ 9,700.00

<b>315 BUILDING 410 - PRIMARY DIGESTER COMPLEX</b>						
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 19,466.00		\$ 19,466.00

<b>316 BLDG 430 - DEWATERING BUILDING</b>						
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00		\$ 2,500.00
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 15,660.00		\$ 15,660.00
300.272	ELECTRICAL	LS	\$ 2,584.06	\$ 2,584.06		\$ 2,584.06

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

318 <b>BLDG 500 - ADMINISTRATION BUILDING</b>							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 368,933.96			\$ 368,933.96
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 137,755.00			\$ 137,755.00

319 <b>BLDG 510 - GENERATOR BUILDING</b>							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)	\$ (64,996.70)			\$ (64,996.70)
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ 6,960.00			\$ 6,960.00

320 <b>BLDG 530 - SERVICE BUILDING</b>							
300.31	DEMOLITION (L)	LS	\$ 32,500.00	\$ 32,500.00			\$ 32,500.00
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00	\$ 24,762.28			\$ 24,762.28
300.312	ELECTRICAL	LS	\$ 5,390.98	\$ 6,721.33			\$ 6,721.33

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



CHANGE ORDERS							
300.90	2.1A OXYGEN TRANSFER CREDIT	LS	\$ (3,255.00)	\$ (3,255.00)			\$ (3,255.00)
300.91	2.1B BLOWER STARTERS	LS	\$ 1,748.25	\$ 1,748.25			\$ 1,748.25
300.92	2.1C POLYMER PUMP CREDIT	LS	\$ (2,022.00)	\$ (2,022.00)			\$ (2,022.00)
300.93	2.1D AERATION TANK CREDIT	LS	\$ (9,435.44)	\$ (9,435.44)			\$ (9,435.44)
300.94	2.1E POLYMER SYSTEM POWER	LS	\$ 1,514.10	\$ 1,514.10			\$ 1,514.10
300.95	2.1F 110 140 RELAYS	LS	\$ 4,003.65	\$ 4,003.65			\$ 4,003.65
300.96	2.1G 110 BREAKERS	LS	\$ 3,462.90	\$ 3,462.90			\$ 3,462.90
300.97	2.1H AIR COMPRESSOR STARTER	LS	\$ 4,348.05	\$ 4,348.05			\$ 4,348.05
300.98	3.1A ALP LINE	LS	\$ 295,037.20	\$ 295,037.20			\$ 295,037.20
300.990	4.1A CPVC CREDIT	LS	\$ (20,000.00)	\$ (20,000.00)			\$ (20,000.00)
300.991	4.1B REMOVE CONCRETE IN CLARIFIERS	LS	\$ 7,320.56	\$ 7,320.56			\$ 7,320.56
300.992	4.1C GRIND AND WELD DOOR JAMS	LS	\$ 6,351.24	\$ 6,351.24			\$ 6,351.24
300.993	4.1D BLDG 110 GRATING	LS	\$ 1,747.30	\$ 1,747.30			\$ 1,747.30
300.994	4.1E MV GROUND	LS	\$ 3,425.42	\$ 3,425.42			\$ 3,425.42
300.995	4.1F 310 ALP LINE	LS	\$ 3,861.28	\$ 3,861.28			\$ 3,861.28

**ADVANCED PHOSPHORUS SUBTOTAL:** \$ 9,029,357.50

Total \$ 16,989,206.92

Less Retainage \$ 428,226.90

Total \$ 16,560,980.02

Less Previously Paid \$ 16,522,447.49

Total Amount Due \$ 38,532.53

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$38,532.53 be allowed.

Respectfully Submitted,



Alex Damien, P.E.  
Interim Director of Public Works

April 20, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 27, 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

Amended \$ 17,424,113.20

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
<b>RETURN FLOW PUMP STATION</b>							
301	<b>MOBILIZATION AND GC</b>						
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 196,883.54			\$ 196,883.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 208,890.00			\$ 208,890.00
301.03	ELEC MOBILIZATIONTEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 103,573.36			\$ 103,573.36
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 11,105.82			\$ 11,105.82

302	<b>UNIT PRICES</b>						
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	<b>CONTINGENCY ALLOWANCES</b>						
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

304	<b>SITWORK</b>						
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57	\$ 63,797.57			\$ 63,797.57
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 110,000.00			\$ 110,000.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 65,000.00			\$ 65,000.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ 6,300.00			\$ 6,300.00
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ 18,933.75			\$ 18,933.75
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 107,700.00			\$ 107,700.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00

305.00	<b>BLDG 320 - UV DISINFECTION</b>						
301.23	DEMOLITION (L)	LS	\$ 6,128.00	\$ 6,128.00			\$ 6,128.00
301.24	CONCRETE	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ 5,500.00			\$ 5,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,422,595.24			\$ 1,422,595.24

301.26	EARTHWORK	LS	\$ 7,500.00	\$ 7,500.00			\$ 7,500.00
301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00	\$ 13,680.00			\$ 13,680.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00	\$ 15,750.00			\$ 15,750.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00	\$ 4,320.00			\$ 4,320.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00	\$ -			\$ -

<b>BLDG 325 - RETURN FLOW PUMP STATION</b>							
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00	\$ 175,260.00			\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 343,405.00			\$ 343,405.00
301.33	SLAB	LS	\$ 86,500.00	\$ 86,500.00			\$ 86,500.00
301.34	EQUIPMENT PADS	LS	\$ 32,750.00	\$ 32,750.00			\$ 32,750.00
301.35	PRECAST	LS	\$ 52,650.00	\$ 52,650.00			\$ 52,650.00
301.36	MASONRY	LS	\$ 385,322.00	\$ 385,322.00			\$ 385,322.00
301.37	METAL FABRICATIONS	LS	\$ 334,383.00	\$ 334,382.20			\$ 334,382.20
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00	\$ 26,800.00			\$ 26,800.00
301.39	AIR BARRIER	LS	\$ 27,500.00	\$ 27,500.00			\$ 27,500.00
301.40	ROOFING	LS	\$ 72,600.00	\$ 72,600.00			\$ 72,600.00
301.41	JOINT SEALANTS	LS	\$ 17,250.00	\$ 17,250.00			\$ 17,250.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 42,500.00			\$ 42,500.00
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ 8,700.00			\$ 8,700.00
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 153,824.00			\$ 153,824.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ 15,350.00			\$ 15,350.00
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 275,000.00			\$ 275,000.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 17,748.00			\$ 17,748.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 244,725.20			\$ 244,725.20
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00	\$ 18,200.00			\$ 18,200.00
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00	\$ 97,000.00			\$ 97,000.00
301.52	OVERHEAD CRANE	LS	\$ 42,350.00	\$ 40,232.50			\$ 40,232.50
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00	\$ 28,210.00	\$ 3,000.00		\$ 31,210.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 1,157,281.00	\$ 58,000.00		\$ 1,215,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00	\$ 8,100.00			\$ 8,100.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 44,000.00			\$ 44,000.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ 31,900.00			\$ 31,900.00
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ 35,500.00			\$ 35,500.00
301.57	HVAC INSULATION	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00	\$ 14,000.00			\$ 14,000.00
301.330	HVAC FANS	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00	\$ 116,620.00	\$ 2,380.00		\$ 119,000.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 509,000.00			\$ 509,000.00
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 207,560.64	\$ 5,000.00		\$ 212,560.64
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ 115,173.60			\$ 115,173.60
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67			\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 196,616.71			\$ 196,616.71

CHANGE ORDERS							
301.90	1.1A 25KVA GEAR	LS	\$ 10,738.35	\$ 10,738.35			\$ 10,738.35
301.91	1.1B 45 DEGREE BEND CREDIT	LS	\$ (8,547.00)	\$ (8,547.00)			\$ (8,547.00)
301.92	1.1C UL TIE BREAKER CREDIT	LS	\$ (5,250.00)	\$ (5,250.00)			\$ (5,250.00)
301.93	1.1D ADDED PLASTER	LS	\$ 1,558.45	\$ 1,558.45			\$ 1,558.45
301.94	1.1E GENERATOR SUPPORTS	LS	\$ 3,236.30	\$ 3,236.30			\$ 3,236.30
301.95	1.1F FOOTING INSULATION	LS	\$ 406.99	\$ 406.99			\$ 406.99
301.96	1.2A Misc T&M Items	LS	\$ 4,244.32	\$ 4,244.32			\$ 4,244.32
301.97	1.2B NG Generator	LS	\$ 1,781.64	\$ 1,781.64			\$ 1,781.64
301.98	1.2C 325 Overhead Door Power	LS	\$ 6,105.30	\$ 6,105.30			\$ 6,105.30
301.99	1.2D Generator Conduits	LS	\$ (6,648.00)	\$ (6,648.00)			\$ (6,648.00)
301.990	1.2E WDC 006	LS	\$ 4,666.20	\$ 4,666.20			\$ 4,666.20
301.991	1.2F Load Bank Testing	LS	\$ 4,641.81	\$ 4,641.81			\$ 4,641.81
301.992	1.3A 24" Butterfly Valve	LS	\$ 20,647.94	\$ 20,647.94			\$ 20,647.94
301.993	1.3B VFD for Fans	LS	\$ 3,790.23	\$ 3,790.23			\$ 3,790.23
301.994	1.3C Addition Supports	LS	\$ 2,712.77	\$ 2,712.77			\$ 2,712.77
301.995	1.3D Fiber Optic Repair	LS	\$ 4,107.32	\$ 4,107.32			\$ 4,107.32
301.996	1.3E Harmonic Study	LS	\$ (1,000.00)	\$ (1,000.00)			\$ (1,000.00)
301.997	1.3F Building 325 Revision	LS	\$ (6,517.00)	\$ (6,517.00)			\$ (6,517.00)

**RETURN FLOW PUMP STATION SUBTOTAL: \$ 8,028,229.42**

**ADVANCED PHOSPHORUS**

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 242,488.67			\$ 242,488.67
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 265,860.00			\$ 265,860.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 131,820.32			\$ 131,820.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 14,134.67			\$ 14,134.67

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300	3		\$ 56.00	\$ 168.00
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270	22.16		\$ 44.00	\$ 974.95
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	\$ 56,700.00			\$ 56,700.00
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 100,919.00	\$ 100,919.00			\$ 100,919.00
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ 209,142.13			\$ 209,142.13
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ 29,528.25			\$ 29,528.25
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 12,200.00			\$ 12,200.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 42,800.00			\$ 42,800.00
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00	\$ 2,300.00			\$ 2,300.00
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00	\$ 25,400.00			\$ 25,400.00
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00	\$ 726,100.00			\$ 726,100.00

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

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

307 <b>BLDG 210 - AERATION TANKS</b>							
300.08	DEMOLITION (L)	LS	\$ 123,500.00	\$ 123,500.00			\$ 123,500.00
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00	\$ 180,500.00			\$ 180,500.00
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00	\$ 171,100.00			\$ 171,100.00

308 <b>BLDG 230 - FINAL CLARIFIERS</b>							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,735.25			\$ 7,735.25
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00	\$ 8,496.00			\$ 8,496.00
300.101	PAINTING AND COATING	LS	\$ 17,500.00	\$ 17,500.00			\$ 17,500.00

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

310 <b>BLDG 250 - CHEMICAL BUILDING</b>							
300.10	ELECTRICAL	LS	\$ (10,279.00)	\$ (10,279.00)			\$ (10,279.00)
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 7,148.51			\$ 7,148.51
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 10,049.75			\$ 10,049.75
300.112	FRP GRATING	LS	\$ 5,000.00	\$ 5,000.00			\$ 5,000.00
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ 11,500.00			\$ 11,500.00
300.113	PLUMBING - PIPING	LS	\$ 3,750.00	\$ 3,750.00			\$ 3,750.00
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.115	ELECTRICAL	LS	\$ 52,685.28	\$ 52,685.28			\$ 52,685.28
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00	\$ 110,072.00			\$ 110,072.00
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00	\$ 30,600.00			\$ 30,600.00
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00	\$ 800.00			\$ 800.00
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00	\$ 24,600.00			\$ 24,600.00
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00	\$ 40,000.00			\$ 40,000.00
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 47,200.00			\$ 47,200.00
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 35,450.00			\$ 35,450.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00	\$ 57,200.00			\$ 57,200.00
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00	\$ 3,000.00			\$ 3,000.00

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

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

<b>312 BLDG 310 - FILTER BUILDING</b>						
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 289,593.00		\$ 289,593.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 48,109.00		\$ 48,109.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 36,459.00		\$ 36,459.00
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 211,442.00		\$ 211,442.00
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 45,000.00		\$ 45,000.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 11,300.00		\$ 11,300.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 226,700.00		\$ 226,700.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ 308,700.00		\$ 308,700.00
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 1,141,969.15		\$ 1,141,969.15
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ 91,000.00		\$ 91,000.00
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00	\$ 200,900.00		\$ 200,900.00
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00	\$ 193,509.42		\$ 193,509.42
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 377,900.00		\$ 377,900.00
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00	\$ 10,100.00		\$ 10,100.00

<b>313 BLDG 330 - PRETREATMENT BUILDING</b>						
300.24	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00		\$ 2,500.00
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 15,660.00		\$ 15,660.00
300.242	ELECTRICAL	LS	\$ 3,243.49	\$ 3,243.49		\$ 3,243.49

<b>314 BLDG 400 - SLUDGE THICKENING BUILDING</b>						
300.25	PAINTING AND COATING	LS	\$ 9,700.00	\$ 9,700.00		\$ 9,700.00

<b>315 BUILDING 410 - PRIMARY DIGESTER COMPLEX</b>						
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 19,466.00		\$ 19,466.00

<b>316 BLDG 430 - DEWATERING BUILDING</b>						
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00		\$ 2,500.00
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 15,660.00		\$ 15,660.00
300.272	ELECTRICAL	LS	\$ 2,584.06	\$ 2,584.06		\$ 2,584.06

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

318 <b>BLDG 500 - ADMINISTRATION BUILDING</b>							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 368,933.96			\$ 368,933.96
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 137,755.00			\$ 137,755.00

319 <b>BLDG 510 - GENERATOR BUILDING</b>							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)	\$ (64,996.70)			\$ (64,996.70)
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ 6,960.00			\$ 6,960.00

320 <b>BLDG 530 - SERVICE BUILDING</b>							
300.31	DEMOLITION (L)	LS	\$ 32,500.00	\$ 32,500.00			\$ 32,500.00
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00	\$ 24,762.28			\$ 24,762.28
300.312	ELECTRICAL	LS	\$ 5,390.98	\$ 6,721.33			\$ 6,721.33

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



CHANGE ORDERS							
300.90	2.1A OXYGEN TRANSFER CREDIT	LS	\$ (3,255.00)	\$ (3,255.00)			\$ (3,255.00)
300.91	2.1B BLOWER STARTERS	LS	\$ 1,748.25	\$ 1,748.25			\$ 1,748.25
300.92	2.1C POLYMER PUMP CREDIT	LS	\$ (2,022.00)	\$ (2,022.00)			\$ (2,022.00)
300.93	2.1D AERATION TANK CREDIT	LS	\$ (9,435.44)	\$ (9,435.44)			\$ (9,435.44)
300.94	2.1E POLYMER SYSTEM POWER	LS	\$ 1,514.10	\$ 1,514.10			\$ 1,514.10
300.95	2.1F 110 140 RELAYS	LS	\$ 4,003.65	\$ 4,003.65			\$ 4,003.65
300.96	2.1G 110 BREAKERS	LS	\$ 3,462.90	\$ 3,462.90			\$ 3,462.90
300.97	2.1H AIR COMPRESSOR STARTER	LS	\$ 4,348.05	\$ 4,348.05			\$ 4,348.05
300.98	3.1A ALP LINE	LS	\$ 295,037.20	\$ 295,037.20			\$ 295,037.20
300.990	4.1A CPVC CREDIT	LS	\$ (20,000.00)	\$ (20,000.00)			\$ (20,000.00)
300.991	4.1B REMOVE CONCRETE IN CLARIFIERS	LS	\$ 7,320.56	\$ 7,320.56			\$ 7,320.56
300.992	4.1C GRIND AND WELD DOOR JAMS	LS	\$ 6,351.24	\$ 6,351.24			\$ 6,351.24
300.993	4.1D BLDG 110 GRATING	LS	\$ 1,747.30	\$ 1,747.30			\$ 1,747.30
300.994	4.1E MV GROUND	LS	\$ 3,425.42	\$ 3,425.42			\$ 3,425.42
300.995	4.1F 310 ALP LINE	LS	\$ 3,861.28	\$ 3,861.28			\$ 3,861.28

**ADVANCED PHOSPHORUS SUBTOTAL:** \$ 9,029,357.50

Total \$ 17,057,586.92

Less Retainage \$ 428,226.90

Total \$ 16,629,360.02

Less Previously Paid \$ 16,560,980.02

Total Amount Due \$ 68,380.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$68,380.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.  
Interim Director of Public Works

April 20, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 to *State Contractors, Inc., 16575 W. Dakota St., New Berlin, WI 53151 for West Broadway and East Avenue Street Utility and Traffic Improvements.*

Contract No. #4277

CONTRACT DATE: January 13, 2023

Original \$ 3,750,000.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>1</b>	<b>01001</b>	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>0.24</b>	<b>\$ 171,530.52</b>	<b>\$ 41,167.32</b>
2	01005	DETOUR ROUTE	LS	1		\$ 7,326.00	\$ -
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	0.50	\$ 1,000.00	\$ 500.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 2,500.00	\$ -
<b>5</b>	<b>01017</b>	<b>TEMPORARY SAFETY FENCE</b>	<b>LF</b>	<b>2200</b>	<b>1,123.00</b>	<b>\$ 10.00</b>	<b>\$ 11,230.00</b>
6	01995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$ 20.00	\$ -
7	01996	RAILROAD FLAGGING	LS	1		\$ 5,000.00	\$ -
8	02002	SILT FENCE	LF	100		\$ 4.00	\$ -
9	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
<b>10</b>	<b>02005</b>	<b>INLET PROTECTION</b>	<b>EACH</b>	<b>60</b>	<b>17.00</b>	<b>\$ 135.00</b>	<b>\$ 2,295.00</b>
11	03041	CLEARING	INCH DIA	300	221.00	\$ 42.00	\$ 9,282.00
12	03042	GRUBBING	INCH DIA	350		\$ 26.25	\$ -
<b>13</b>	<b>03100</b>	<b>REMOVE SEWER MANHOLE</b>	<b>EACH</b>	<b>5</b>	<b>4.00</b>	<b>\$ 415.00</b>	<b>\$ 1,660.00</b>
14	03101	REMOVE INLET	EACH	21	6.00	\$ 415.00	\$ 2,490.00
15	03110	REMOVE PIPE	LF	250	123.00	\$ 43.00	\$ 5,289.00
16	03111	REMOVE STORM STRUCTURE AND BULKHEAD TOP OF EXISTING BOX SEWER	EACH	2		\$ 2,400.00	\$ -
17	03205	ABANDON PIPE	LF	100		\$ 19.00	\$ -
18	03300	REMOVE EXISTING CURB AND GUTTER	LF	3000		\$ 3.00	\$ -
19	03331	REMOVE EXISTING SIDEWALK	SF	34250		\$ 1.50	\$ -
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	600		\$ 2.00	\$ -
21	03650	REMOVE EXISTING ROADWAY	SY	4250		\$ 10.00	\$ -
22	03990	REMOVE AND SALVAGE BITUMINOUS SET CONCRETE PAVERS	SF	1000		\$ 5.00	\$ -
23	03991	REMOVE EXISTING TURF	SF	2000		\$ 10.00	\$ -

24	03992	REMOVE AND DISPOSE OF EXISTING BUS SHELTER	EACH	1		\$ 1,500.00	\$ -
25	04010	SHAPING AND GRADING TO SUBGRADE	LF	1100		\$ 40.00	\$ -
26	04013	FROST BREAKING AND REMOVAL	LF	1500		\$ 4.00	\$ -
27	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	625		\$ 3.00	\$ -
28	04016	GEOTEXTILE GRID TYPE BX1100	SY	625		\$ 3.00	\$ -
29	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3500		\$ 25.00	\$ -
30	04120	SLURRY BACKFILL	CY	250		\$ 85.00	\$ -
31	04503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1850		\$ 20.00	\$ -
32	05011	PIPE BULKHEAD	EACH	11	2.00	\$ 1,495.00	\$ 2,990.00
33	05042	SANITARY SEWER INSIDE DROP	EACH	1		\$ 1,200.00	\$ -
34	05050	INTERNAL CHIMNEY SEAL	EACH	5		\$ 765.00	\$ -
35	05056	SANITARY LATERAL CLEANOUT	EACH	11		\$ 2,700.00	\$ -
36	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	11		\$ 495.00	\$ -
37	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 4,600.00	\$ -
38	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 4,500.00	\$ -
39	05077	STORM SEWER SPOT REPAIR	EACH	2	1.00	\$ 3,400.00	\$ 3,400.00
40	05080	SANITARY LATERAL REINSTATEMENT	EACH	11		\$ 125.00	\$ -
41	05081	STORM LATERAL REINSTATEMENT	EACH	29		\$ 125.00	\$ -
42	<b>05108</b>	<b>8 INCH PVC SANITARY SEWER PIPE</b>	<b>LF</b>	<b>529</b>	<b>520.80</b>	<b>\$ 176.00</b>	<b>\$ 91,660.80</b>
43	<b>05157</b>	<b>6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)</b>	<b>LF</b>	<b>645</b>	<b>486.20</b>	<b>\$ 178.00</b>	<b>\$ 86,543.60</b>
44	<b>05309</b>	<b>10 INCH CIPP SANITARY SEWER PIPE</b>	<b>LF</b>	<b>605</b>	<b>600.00</b>	<b>\$ 32.00</b>	<b>\$ 19,200.00</b>
45	05330	12 INCH CIPP STORM SEWER PIPE	LF	875		\$ 44.00	\$ -
<b>45A</b>	<b>05330</b>	<b>21 INCH CIPP STORM SEWER PIPE</b>	<b>LF</b>	<b>1300</b>	<b>1,280.00</b>	<b>\$ 91.00</b>	<b>\$ 116,480.00</b>
<b>46</b>	<b>05334</b>	<b>24 INCH CIPP STORM SEWER PIPE</b>	<b>LF</b>	<b>1075</b>	<b>1,050.00</b>	<b>\$ 112.00</b>	<b>\$ 117,600.00</b>
47	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10		\$ 5,400.00	\$ -
48	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	110		\$ 29.50	\$ -
49	05400	48 INCH DIA SANITARY MANHOLE	VF	22	18.00	\$ 447.00	\$ 8,046.00
50	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	1		\$ 1,400.00	\$ -
51	05415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	10		\$ 1,400.00	\$ -
52	05423	STORM MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$ 704.00	\$ -

53	05432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1		\$ 1,055.00	\$ -
54	05475	48 INCH DIA STORM MANHOLE	EACH	1	1.00	\$ 2,445.00	\$ 2,445.00
55	05485	2'X3' STORM INLET	EACH	22	6.00	\$ 3,100.00	\$ 18,600.00
56	05500	INSERT 12"X12"X12" PVC TEE	EACH	1		\$ 2,400.00	\$ -
57	05512	12 INCH PVC STORM SEWER PIPE	LF	5		\$ 504.00	\$ -
<b>58</b>	<b>05542</b>	<b>12 INCH RCP STORM SEWER PIPE</b>	<b>LF</b>	<b>225</b>	<b>142.20</b>	<b>\$ 239.00</b>	<b>\$ 33,985.80</b>
59	05554	24 INCH RCP STORM SEWER PIPE	LF	40	31.00	\$ 155.00	\$ 4,805.00
60	05692	STORM MANHOLE REPAIR	VF	25		\$ 795.00	\$ -
61	05695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	12		\$ 950.00	\$ -
62	05850	CONCRETE COLLAR	EACH	10	2.00	\$ 865.00	\$ 1,730.00
<b>63</b>	<b>05951</b>	<b>SANITARY SEWER CLEANING AND TELEVISIONING</b>	<b>LF</b>	<b>1600</b>	<b>857.00</b>	<b>\$ 2.75</b>	<b>\$ 2,356.75</b>
<b>64</b>	<b>05952</b>	<b>SANITARY SEWER LATERAL TELEVISIONING</b>	<b>EACH</b>	<b>50</b>	<b>29.00</b>	<b>\$ 495.00</b>	<b>\$ 14,355.00</b>
<b>65</b>	<b>05955</b>	<b>STORM SEWER CLEANING AND TELEVISIONING</b>	<b>LF</b>	<b>4500</b>	<b>1,759.00</b>	<b>\$ 4.50</b>	<b>\$ 7,915.50</b>
66	05956	STORM SEWER LATERAL TELEVISIONING	EACH	38		\$ 495.00	\$ -
67	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE	EACH	1		\$ 4,950.00	\$ -
68	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 20.00	\$ -
69	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	150		\$ 80.00	\$ -
70	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	250		\$ 40.00	\$ -
71	07008	8-INCH CONCRETE PAVEMENT	SY	4500		\$ 50.00	\$ -
72	07130	30" CONCRETE CURB & GUTTER	LF	3000		\$ 25.00	\$ -
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	250		\$ 45.00	\$ -
74	07302	PEDESTRIAN CURB	LF	150		\$ 100.00	\$ -
75	07303	3-INCH CONCRETE SIDEWALK	SF	300		\$ 7.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	15500		\$ 7.50	\$ -
77	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	4250		\$ 7.50	\$ -
78	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	7000		\$ 3.85	\$ -
79	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	7000		\$ 1.00	\$ -
80	08052	HMA PAVEMENT TEMPORARY PATCHING	SY	1000		\$ 12.00	\$ -
81	08065	HMA PAVEMENT PATCHING	SY	1400		\$ 32.10	\$ -
82	INTENTIONALLY LEFT BLANK						
83	08105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	25		\$ 186.00	\$ -

84	08205	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	900		\$ 95.20	\$ -
85	08310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	15		\$ 219.00	\$ -
86	10002 A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EAST & BROADWAY	LS	1		\$ 5,304.53	\$ -
87	10002 B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EAST & ARCADIAN	LS	1		\$ 2,652.26	\$ -
88	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	137		\$ 8.22	\$ -
89	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	747		\$ 11.50	\$ -
90	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	9		\$ 1,311.60	\$ -
91	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	10		\$ 904.98	\$ -
92	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	2		\$ 1,354.86	\$ -
93	10035	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	1		\$ 1,065.94	\$ -
94	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	6		\$ 11,585.54	\$ -
95	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	1		\$ 2,170.66	\$ -
96	10065	CABLE TRAFFIC SIGNAL 5-14 AWG, WDOT 655.0230	LF	867		\$ 1.49	\$ -
97	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	979		\$ 1.96	\$ -
98	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	2753		\$ 3.05	\$ -
99	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1633		\$ 2.31	\$ -
100	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	3956		\$ 1.10	\$ -
101	10115	ELECTRICAL WIRE LIGHTING AWG 10, WDOT 655.0615	LF	0.00E+00		\$ -	\$ -
102	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	1286		\$ 2.05	\$ -
103	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, EAST & ARCADIAN, WDOT 656.0200.02	LS	1		\$ 1,310.60	\$ -
104	10150 A	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, EAST & BROADWAY (CITY FURNISHED)	EACH	1		\$ 2,659.15	\$ -
105	10150 B	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, EAST & ARCADIAN (CITY FURNISHED)	EACH	1		\$ 2,659.15	\$ -
106	10735 A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & BROADWAY	LS	1		\$ 11,183.80	\$ -
107	10735 B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & ARCADIAN	LS	1		\$ 10,833.21	\$ -
108	10800 A	SIGNAL MOUNTING HARDWARE (CITY FURNISHED), EAST & BROADWAY, WDOT 658.5069.01	LS	1		\$ 4,672.43	\$ -
109	10800 B	SIGNAL MOUNTING HARDWARE (CITY FURNISHED), EAST & ARCADIAN, WDOT 658.5069.02	LS	1		\$ 4,672.43	\$ -
110	10900 A	EMERGENCY VEHICLE PREEMPTION SYSTEM, EAST & BROADWAY	LS	1		\$ 9,089.63	\$ -
111	10900 B	EMERGENCY VEHICLE PREEMPTION SYSTEM, EAST & ARCADIAN	LS	1		\$ 9,089.63	\$ -

112	10950 A	INSTALL VIDEO VEHICLE DETECTION SYSTEM, EAST & BROADWAY (CITY FURNISHED)	LS	1		\$ 1,326.13	\$ -
113	10950 B	INSTALL VIDEO VEHICLE DETECTION SYSTEM, EAST & ARCADIAN (CITY FURNISHED)	LS	1		\$ 1,326.13	\$ -
114	10980	CABLE TRAFFIC SIGNAL 15-14 AWG, WDOT 655.0270	LF	240		\$ 4.05	\$ -
115	10982 A	TRANSPORT AND INSTALL PEDESTAL BASE (CITY FURNISHED)	EACH	11		\$ 103.55	\$ -
116	10982 B	TRANSPORT AND INSTALL TRANS. BASE (CITY FURNISHED)	EACH	2		\$ 121.28	\$ -
117	10982 C	TRANSPORT AND INSTALL POLE TYPE 2 (CITY FURNISHED)	EACH	1		\$ 424.49	\$ -
118	10982 D	TRANSPORT AND INSTALL POLE TYPE 3 (CITY FURNISHED)	EACH	1		\$ 485.14	\$ -
119	10982 E	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 15-FT (CITY FURNISHED)	EACH	9		\$ 381.18	\$ -
120	10982 F	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 10-FT (CITY FURNISHED)	EACH	2		\$ 173.26	\$ -
121	10982 G	TRANSPORT AND INSTALL LUMINAIRE ARM 4" CLAMP, 8-FT (CITY FURNISHED)	EACH	1		\$ 181.92	\$ -
122	10982 H	TRANSPORT AND INSTALL SIGNAL FACE 3S 12-INCH (CITY FURNISHED)	EACH	22		\$ 258.88	\$ -
123	10982 I	TRANSPORT AND INSTALL SIGNAL FACE 4S 12-INCH (CITY FURNISHED)	EACH	10		\$ 276.49	\$ -
124	10982 J	TRANSPORT AND INSTALL PEDESTRIAN FACE 16-INCH (CITY FURNISHED)	EACH	14		\$ 129.44	\$ -
125	10983 A	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
126	10983 B	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
127	10984 A	INSTALL MONOTUBE ARM, 20-FT (CITY FURNISHED)	EACH	1		\$ 1,108.89	\$ -
128	10984 B	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	2		\$ 1,108.89	\$ -
129	10984 C	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
130	10985 A	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	2		\$ 138.61	\$ -
131	10985 B	INSTALL LUMINAIRE ARM STEEL 15-FT CLAMP-ON (CITY FURNISHED)	EACH	1		\$ 138.61	\$ -
132	10986	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	4		\$ 398.53	\$ -
133	10987 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, EAST & BROADWAY	LS	1		\$ 795.68	\$ -
134	10987 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
135	10988 A	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & BROADWAY	LS	1		\$ 795.68	\$ -
136	10988 B	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
137	10989	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
138	10990	TEMPORARY TRAFFIC SIGNAL, EAST & BROADWAY	LS	1		\$ 48,214.37	\$ -
139	10991	CONCRETE BASE - TYPE 1, TYPE 2, TYPE 5, TYPE 10, TYPE-10 SPECIAL (SPECIAL EXCAVATION)	EACH	10		\$ 1,333.02	\$ -

140	10992	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	24		\$ 799.12	\$ -
141	10993	REMOVE, SALVAGE, AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER	LS	1		\$ 5,325.18	\$ -
142	10994	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINETS	LS	1		\$ 12,992.79	\$ -
143	10995	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL MODIFICATION	EACH	1		\$ 1,910.76	\$ -
144	10996	6-CT FIBER OPTIC CABLE	LF	1800		\$ 1.98	\$ -
145	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	58		\$ 1,065.94	\$ -
146	11025	PULL BOX - 15-INCH PVC	EACH	14		\$ 1,393.05	\$ -
147	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	2400		\$ 13.28	\$ -
148	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	2450		\$ 15.70	\$ -
149	11112	CONDUIT 3-INCH HDPE	LF	1500		\$ 16.60	\$ -
150	11113	CONDUIT 3-INCH HDPE SPECIAL	LF	1300		\$ 19.51	\$ -
151	11120	12/2 UF W/GROUND WIRE	LF	1200		\$ 1.60	\$ -
152	11123	#10 XLP USE WIRE	LF	500		\$ 1.16	\$ -
153	11124	#8 XLP USE WIRE	LF	1100		\$ 1.60	\$ -
154	11125	#6 XLP USE WIRE	LF	6555		\$ 2.17	\$ -
155	11126	#4 XLP USE WIRE	LF	19665		\$ 2.93	\$ -
156	11127	#2 XLP USE WIRE	LF	11000		\$ 3.62	\$ -
157	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1		\$ 7,956.79	\$ -
158	11201 A	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, EAST & BROADWAY	LS	1		\$ 1,591.36	\$ -
159	11201 B	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, EAST & ARCADIAN	LS	1		\$ 1,591.36	\$ -
160	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	49		\$ 278.56	\$ -
161	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	22		\$ 152.61	\$ -
162	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	27		\$ 928.98	\$ -
163	11401	<b>REMOVE AND SALVAGE EXISTING STREET LIGHT UNIT</b>	<b>EACH</b>	<b>31</b>	<b>18.00</b>	<b>\$ 663.07</b>	<b>\$ 11,935.26</b>
164	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	29		\$ 676.40	\$ -
165	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	31		\$ 928.29	\$ -
166	11500	<b>TEMPORARY STREET LIGHTING</b>	<b>LS</b>	<b>1</b>	<b>0.24</b>	<b>\$ 14,261.09</b>	<b>\$ 3,422.66</b>
167	11505	<b>TEMPORARY STREET LIGHTING OVERHEAD WIRING</b>	<b>LS</b>	<b>1</b>	<b>0.24</b>	<b>\$ 14,261.09</b>	<b>\$ 3,422.66</b>
168	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	3		\$ 2,694.87	\$ -
169	11655	COMMUNICATION PULL BOX (24X36)	EACH	12		\$ 1,311.60	\$ -

170	11990	KIOSK BASE - CLOCK TOWER	LS	1		\$ 4,848.30	\$ -
171	11991	KIOSK BASE - BARSTOW/RIVERFRONT	LS	1		\$ 4,848.30	\$ -
172	11992	KIOSK BASE - YOUMANS PARK	LS	1		\$ 4,848.30	\$ -
173	11993	KIOSK BASE - 5 POINTS	LS	1		\$ 4,848.30	\$ -
174	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1900		\$ 6.55	\$ -
175	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	3600		\$ 1.30	\$ -
176	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	925		\$ 8.75	\$ -
177	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	750		\$ 1.95	\$ -
178	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	100		\$ 11.75	\$ -
179	12206	PAVEMENT MARKING EPOXY, LINE, 18-INCH	LF	275		\$ 17.36	\$ -
180	12212	PAVEMENT MARKING EPOXY, ARROW	EACH	20		\$ 340.00	\$ -
181	12216	PAVEMENT MARKING EPOXY, SYMBOL	EACH	4		\$ 195.00	\$ -
182	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 5,000.00	\$ -
183	13002	REMOVE SIGN	EACH	100		\$ 23.00	\$ -
184	13003	REMOVE POSTS	EACH	10		\$ 23.00	\$ -
185	13030	SIGN, REFLECTIVE TYPE II	EACH	14		\$ 595.00	\$ -
186	13990	2-FOOT, 6-INCH PVC SLEEVE FOR SIGN POSTS	EACH	20		\$ 125.00	\$ -
187	14001	TOPSOIL	SY	50		\$ 8.00	\$ -
188	14005	TOPSOIL & SOD	SY	250		\$ 24.80	\$ -
189	14052	STRUCTURAL SOIL	CY	250		\$ 30.00	\$ -
190	14054	PLANTING MULCH	SY	50		\$ 35.00	\$ -
191	14075	BITUMINOUS SET CONCRETE PAVERS	SF	13500		\$ 22.00	\$ -
192	14990	BITUMINOUS SET CONCRETE PAVERS W/SALVAGED PAVERS	SF	500		\$ 17.00	\$ -
193	14991	SALVAGE AND REUSE SAND SET BRICK PAVERS	SF	250		\$ 20.00	\$ -
194	14991	SALVAGE AND REUSE BITUMINOUS SET CONCRETE PAVERS	SF	1000		\$ 22.00	\$ -
195	14993	INSTALL CITY FURNISHED TREE GRATE	EACH	25		\$ 350.00	\$ -
196	INTENTIONALLY LEFT BLANK						
197	14995	PARADE MEMORIAL FOUNDATION	LS	1		\$ 7,500.00	\$ -
198	15001	16-INCH DUCTILE IRON WATER MAIN AND FITTINGS	LF	180	172.00	\$ 189.00	\$ 32,508.00
<b>199</b>	<b>15002</b>	<b>12-INCH DUCTILE IRON WATER MAIN AND FITTINGS</b>	<b>LF</b>	<b>720</b>	<b>275.50</b>	<b>\$ 154.00</b>	<b>\$ 42,427.00</b>
200	15002	INSTALL HYDRANT ASSEMBLY	EACH	1		\$ 5,850.00	\$ -



201	15003	NEW 6" WATER SERVICE LATERAL (SL1)	EACH	1	1.00	\$ 8,300.00	\$ 8,300.00
202	ALL WATER SERVICE ITEMS TO BE PROVIDED BY THE WWU. SEE SPECIAL PROVISIONS.						
203	15003	CONNECT 1-1/2" SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,630.00	\$ 3,630.00
204	15004	CONNECT 1" SERVICE LATERAL (SL3)	EACH	4	1.00	\$ 3,665.00	\$ 3,665.00
205	15004	CONNECT 1-1/2" SERVICE LATERAL (SL4)	EACH	2		\$ 4,625.00	\$ -
206	15005	CONNECT 1" SERVICE LATERAL (SL5)	EACH	5		\$ 4,625.00	\$ -
207	15005	CONNECT 1" SERVICE LATERAL (SL6)	EACH	2		\$ 4,500.00	\$ -
208	15006	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1		\$ 4,600.00	\$ -
209	15007	ADJUST EXISTING WATER VALVE - NO REPLACEMENT	EACH	7		\$ 470.00	\$ -
210	15008	ADJUST EXISTING WATER VALVE - REPLACEMENT	EACH	7		\$ 570.00	\$ -
211	16001	INCENTIVE PAYMENT	DAY	30		\$ 1,500.00	\$ -
212	16002	LIQUIDATED DAMAGES	DAY	0		\$ (1,500.00)	\$ -
213	16003	PEDESTRIAN PENALTIES	DAY	0		\$ (1,000.00)	\$ -

Total	\$	715,337.35
Less Retainage	\$	35,766.87
Total	\$	679,570.48
Less Previously Paid	\$	233,947.35
Total Amount Due	\$	445,623.13

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$445,623.13 be allowed.

Respectfully Submitted,

Alex Damien, P.E.,  
Interim Director of Public Works

April 20, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to State Contractors, Inc., 16575 W. Dakota St., New Berlin, WI 53151 for Buchner Park Step Replacement.

Contract No. #4262

CONTRACT DATE: September 2, 2022  
Original \$ 133,333.33

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.5	\$4,458.33	\$ 2,229.17
2	1017	TEMPORARY SAFETY FENCE	LF	75		\$10.00	\$ -
3	2002	SILT FENCE	LF	750		\$5.00	\$ -
4	2005	INLET PROTECTION	EACH	4	2	\$100.00	\$ 200.00
5	2010	CONSTRUCTION ENTRANCE	EACH	1		\$1,000.00	\$ -
6	3041	CLEARING	INCH DIA	175	175	\$50.00	\$ 8,750.00
7	3042	GRUBBING	INCH DIA	175	175	\$50.00	\$ 8,750.00
8	3331	REMOVE EXISTING SIDEWALK	SF	2600		\$5.00	\$ -
9	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	75		\$3.00	\$ -
10	3990	EXISTING STAIRCASE REMOVAL AND SALVAGE STONE	EACH	2	0.5	\$3,500.00	\$ 1,750.00
11	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	150		\$35.00	\$ -
12	5508	8 INCH PVC STORM SEWER PIPE	LF	50		\$20.00	\$ -
13	5990	YARD INLET	EACH	1		\$10,000.00	\$ -
14	6100	EXTRA BAGS OF CEMENT	EA	20		\$10.00	\$ -
15	7304	4-INCH CONCRETE SIDEWALK	SF	2,800		\$8.50	\$ -
16	7990	CONCRETE STAIRCASE AND RAILING	LS	1		\$20,000.00	\$ -
17	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	50		\$20.00	\$ -
18	14005	TOPSOIL & SOD	SY	700		\$20.00	\$ -
19	14990	SALVAGED STONE RETAINING WALL	LF	50		\$200.00	\$ -

Total \$ 21,679.17  
Less Retainage \$ 1,083.96  

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Total \$ 20,595.21  
Less Previously Paid  
Total Amount Due \$ 20,595.21

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$20,595.21 be allowed.

Respectfully Submitted,

Alex Damien, P.E.,  
Director of Public Works