

SUMMARY TABLE
FOR
PARTIAL PAYMENTS
February 17, 2022

1. JH Hassinger, Inc. for Pebble Valley Pump Station Construction.	\$112,671.00
2. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plan.	\$404,108.66
3. State Contractors, Inc. for Perkins Avenue Utility And Street Improvements - (BASE BID).	\$26,796.40

February 17, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 to JH Hassinger, Inc., N60 W16289 Kohler Lane, Menomonee Falls, WI 53051 for Pebble Valley Pump Station Construction.

Contract No. #4194

CONTRACT DATE: March 2, 2021

Original \$ 1,382,000.00
Amended \$ 1,437,463.31

Line No.	Item Description	Unit	Bid Amount	Total Amount Completed
1.1	General Conditions	LS	\$ 60,000.00	\$ 60,000.00
1.2	Demolition	LS	\$ 50,000.00	\$ 50,000.00
1.3	Excavation	LS	\$ 19,915.00	\$ 19,915.00
1.4	Restoration	LS	\$ 4,000.00	\$ 4,000.00
1.5	Paving	LS	\$ 10,000.00	\$ 10,000.00
1.6	Metals	LS	\$ 70,350.00	\$ 70,350.00
1.7	Concrete	LS	\$ 34,171.00	\$ 34,171.00
1.8	Masonry	LS	\$ 15,000.00	\$ 15,000.00
1.9	Carpentry	LS	\$ 15,000.00	\$ 15,000.00
1.10	Doors and Access Doors	LS	\$ 15,162.00	\$ 15,162.00
1.11	Painting	LS	\$ 29,920.00	\$ 25,000.00
1.12	Mechanical Piping / HVAC / Site	LS	\$ 425,000.00	\$ 425,000.00
1.13	Hoist	LS	\$ 17,522.00	\$ 17,522.00
1.14	Electrical	LS	\$ 615,960.00	\$ 608,150.00
CO 1.1	Additional bollards and door upgrade	LS		\$ 1,427.30
CO 1.2	Replace electrical cabinet to utilize existing 3-wire electrical service	LS		\$ 1,890.00
CO 2.1	Install drain tile around the perimeter of the building	LS		\$ 7,709.60
CO 2.2	Replace the structural concrete deck of the wet well	LS		\$ 44,436.41

Total \$ 1,424,733.31
Less Retainage \$ 34,550.00

Total \$ 1,390,183.31
Less Previously Paid \$ 1,277,512.31

Total Amount Due \$ 112,671.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$112,671.00 be allowed.

Respectfully Submitted,

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

February 17, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 17, 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
RETURN FLOW PUMP STATION							
301 MOBILIZATION AND GC							
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 196,883.54			\$ 196,883.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 205,501.00			\$ 205,501.00
301.03	ELEC MOBILIZATIONTEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 100,286.68			\$ 100,286.68
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 10,052.91			\$ 10,052.91

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	\$ 54,227.93	\$ 9,569.64		\$ 63,797.57
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 107,800.00			\$ 107,800.00
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	\$ -			\$ -
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 102,315.00			\$ 102,315.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00

305.00 BLDG 320 - UV DISINFECTION							
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	\$ 1,500.00			\$ 1,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,009,240.74			\$ 1,009,240.74

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	\$ 1,920.00			\$ 1,920.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 600.00			\$ 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	\$ 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	\$ 323,753.20	\$ 10,629.00		\$ 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	\$ 13,000.00			\$ 13,000.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 40,000.00	\$ 2,500.00		\$ 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	\$ -			\$ -
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 125,000.00			\$ 125,000.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ -			\$ -
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 271,250.00			\$ 271,250.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 12,200.00	\$ 2,200.00		\$ 14,400.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 241,560.00			\$ 241,560.00
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	\$ 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	\$ 4,050.00			\$ 4,050.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 33,000.00			\$ 33,000.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ 23,925.00	\$ 6,380.00		\$ 30,305.00
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ 33,725.00			\$ 33,725.00
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	\$ 2,380.00			\$ 2,380.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 187,015.08	\$ 200,000.00		\$ 387,015.08
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 65,342.14	\$ 35,000.00		\$ 100,342.14
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ -			\$ -
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67			\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 193,077.61			\$ 193,077.61

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

RETURN FLOW PUMP STATION SUBTOTAL: \$ 5,905,756.73

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 253,009.58			\$ 253,009.58
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 261,274.00	\$ 4,586.00		\$ 265,860.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 128,410.32	\$ 3,410.00		\$ 131,820.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 13,567.34	\$ 567.33		\$ 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	\$ 28,051.84	\$ 1,476.41		\$ 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 BLDG 150 - SECOND STAGE PUMPING STATION							
300.07	ELECTRICAL	LS	\$ 74,362.45	\$ 74,362.45			\$ 74,362.45

307 BLDG 210 - AERATION TANKS							
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	\$ 170,400.00			\$ 170,400.00

308 BLDG 230 - FINAL CLARIFIERS							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,268.16			\$ 7,268.16
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 BLDG 240 - RAS/WAS BUILDING							
300.10	ELECTRICAL	LS	\$ 9,880.64	\$ 9,781.83	\$ 99.81		\$ 9,881.64
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 BLDG 250 - CHEMICAL BUILDING							
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 4,000.00			\$ 4,000.00
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 7,250.00			\$ 7,250.00
300.112	FRP GRATING	LS	\$ 5,000.00	\$ 5,000.00			\$ 5,000.00
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ 10,000.00	\$ 1,500.00		\$ 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	\$ 8,075.00	\$ 425.00		\$ 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	\$ 99,064.80			\$ 99,064.80
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	\$ 2,090.00	\$ 110.00		\$ 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	\$ 1,470.00	\$ 30.00		\$ 1,500.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 46,256.00	\$ 344.00		\$ 46,600.00
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 BLDG 300 - TERTIARY CLARIFIERS							
300.20	DEMOLITION (L)	LS	\$ 14,303.00	\$ 14,303.00			\$ 14,303.00
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00	\$ 5,133.75			\$ 5,133.75
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

312 BLDG 310 - FILTER BUILDING							
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 278,650.00	\$ 10,943.00		\$ 289,593.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 45,000.00	\$ 3,109.00		\$ 48,109.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 34,937.70	\$ 1,521.30		\$ 36,459.00
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 200,869.90			\$ 200,869.90
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 39,250.00	\$ 5,300.00		\$ 44,550.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 11,074.00	\$ 226.00		\$ 11,300.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 222,166.00	\$ 4,534.00		\$ 226,700.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ 254,350.00	\$ 54,350.00		\$ 308,700.00
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 1,145,000.00			\$ 1,145,000.00
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ 75,500.00	\$ 15,500.00		\$ 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	\$ 176,810.00	\$ 14,090.00		\$ 190,900.00
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 374,110.00	\$ 3,790.00		\$ 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	\$ 8,730.00			\$ 8,730.00

315 BUILDING 410 - PRIMARY DIGESTER COMPLEX							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 831.83	\$ 11,918.17		\$ 12,750.00

316 BLDG 430 - DEWATERING BUILDING							
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 623.72			\$ 623.72
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	\$ 2,039.43			\$ 2,039.43

318 BLDG 500 - ADMINISTRATION BUILDING							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 352,233.49			\$ 352,233.49
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 128,979.50			\$ 128,979.50

319 BLDG 510 - GENERATOR BUILDING							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)				\$ -
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	\$ 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

ADVANCED PHOSPHORUS SUBTOTAL: \$ 8,907,824.86

Total \$ 14,813,581.59

Less Retainage \$ 428,226.90

Total \$ 14,385,354.69

Less Previously Paid \$ 13,981,246.03

Total Amount Due \$ 404,108.66

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$404,108.66 be allowed.

Respectfully Submitted,



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

February 17, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 to State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for Perkins Avenue Utility And Street Improvements - (BASE BID) .

Contract No. #4198

CONTRACT DATE: March 2, 2021

Original \$ 1,265,432.10

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 17,128.85	\$ 17,128.85
2	02003	EROSION BALES	EACH	0		\$ 1.00	\$ -
3	02005	INLET PROTECTION	EACH	13	13.00	\$ 100.00	\$ 1,300.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,300	3,133.60	\$ 3.00	\$ 9,400.80
5	03331	REMOVE EXISTING SIDEWALK	SF	15,000	16,265.00	\$ 1.50	\$ 24,397.50
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	175	97.00	\$ 3.00	\$ 291.00
7	03650	REMOVE EXISTING ROADWAY	SY	5,980	4,910.97	\$ 7.50	\$ 36,832.28
8	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,700	1,690.00	\$ 25.00	\$ 42,250.00
9	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	0		\$ 1.00	\$ -
10	04016	GEOTEXTILE GRID TYPE BX1100	SY	0		\$ 1.00	\$ -
11	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	3,411.31	\$ 18.00	\$ 61,403.58
12	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	198.65	\$ 18.00	\$ 3,575.70
13	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	400	371.50	\$ 10.00	\$ 3,715.00
14	05050	INTERNAL CHIMNEY SEAL	EACH	8	6.00	\$ 500.00	\$ 3,000.00
15	05056	SANITARY LATERAL CLEANOUT	EACH	29	30.00	\$ 1,850.00	\$ 55,500.00
16	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	29	30.00	\$ 445.00	\$ 13,350.00
17	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	0		\$ 3,500.00	\$ -
18	05108	8 INCH PVC SANITARY SEWER PIPE	LF	815	812.00	\$ 105.00	\$ 85,260.00
19	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	350	344.00	\$ 150.00	\$ 51,600.00
20	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	22	23.00	\$ 3,500.00	\$ 80,500.00
21	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	220	99.50	\$ 38.00	\$ 3,781.00
22	05400	48 INCH DIA SANITARY MANHOLE	VF	19	17.20	\$ 325.00	\$ 5,590.00
23	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	9	8.60	\$ 400.00	\$ 3,440.00
24	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	5	3.00	\$ 1,100.00	\$ 3,300.00
25	05485	2'X3' STORM INLET	EACH	8	8.00	\$ 1,100.00	\$ 8,800.00

26	05542	12 INCH RCP STORM SEWER PIPE	LF	415	422.75	\$ 70.00	\$ 29,592.50
27	05545	15 INCH RCP STORM SEWER PIPE	LF	30	29.50	\$ 80.00	\$ 2,360.00
28	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,590	1,590.00	\$ 1.65	\$ 2,623.50
29	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	67	30.00	\$ 225.00	\$ 6,750.00
30	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	1,140	1,026.00	\$ 1.95	\$ 2,000.70
31	05990	ABANDON LATERAL AT MAIN WITH CIPP LINER	EACH	1		\$ 3,200.00	\$ -
32	05991	SANITARY LATERAL LINING (CIPP) FROM OPEN CUT LATERAL REPLACEMENT TO BACK OF WALK	LF	160	91.30	\$ 75.00	\$ 6,847.50
33	06100	EXTRA BAGS OF CEMENT	EACH	0		\$ 20.00	\$ -
34	06500	TYPE A SLURRY	CY	0		\$ 70.00	\$ -
35	07008	8-INCH CONCRETE PAVEMENT	SY	1,900	1,961.10	\$ 38.00	\$ 74,521.80
36	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	3,155	2,949.87	\$ 40.00	\$ 117,994.80
37	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,200	3,178.60	\$ 16.00	\$ 50,857.60
38	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	80	80.00	\$ 50.00	\$ 4,000.00
39	07302	PEDESTRIAN CURB	LF	100		\$ 100.00	\$ -
40	07304	4-INCH CONCRETE SIDEWALK	SF	3,750	7,797.00	\$ 6.00	\$ 46,782.00
41	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	7,700	5,697.00	\$ 6.50	\$ 37,030.50
42	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	2,600	2,771.00	\$ 6.50	\$ 18,011.50
43	08203	INTENTIONALLY LEFT BLANK					\$ -
44	08204	INTENTIONALLY LEFT BLANK					\$ -
45	08208	INTENTIONALLY LEFT BLANK					\$ -
46	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1	1.00	\$ 275.00	\$ 275.00
47	12266	PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT & LEFT ARROW	EACH	1	1.00	\$ 360.00	\$ 360.00
48	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3,115	3,056.20	\$ 0.95	\$ 2,903.39
49	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	25	17.00	\$ 1.40	\$ 23.80
50	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	220	214.20	\$ 8.50	\$ 1,820.70
51	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	50	47.00	\$ 14.25	\$ 669.75
52	13001	REMOVE SIGNS AND POSTS	EACH	20	18.00	\$ 38.00	\$ 684.00
53	13002	REMOVE SIGN	EACH	5	8.00	\$ 23.00	\$ 184.00
54	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100	299.50	\$ 5.95	\$ 1,782.03
55	14005	TOPSOIL & SOD	SY	2,600	2,058.90	\$ 7.85	\$ 16,162.37
56	15001	FURNISH AND INSTALL 12-INCH WATER MAIN AND FITTINGS	LF	1,580	1,580.00	\$ 120.00	\$ 189,600.00
57	15002	FURNISH AND INSTALL 8-INCH WATER MAIN AND FITTINGS	LF	80	67.00	\$ 115.00	\$ 7,705.00
58	15003	FURNISH AND INSTALL 12-INCH GATE VALVES AND VALVE BOXES	EA	1	1.00	\$ 3,000.00	\$ 3,000.00

59	15004	FURNISH AND INSTALL 8-INCH GATE VALVES AND VALVE BOXES	EA	1	1.00	\$ 1,750.00	\$ 1,750.00
60	15005	FURNISH AND INSTALL HYDRANT ASSEMBLY	EA	3	3.00	\$ 5,400.00	\$ 16,200.00
61	15006	CONNECT 3/4" SERVICE LATERAL (NOTED ON DRAWING AS SL1)	EA	9	9.00	\$ 1,800.00	\$ 16,200.00
62	15007	CONNECT 1" SERVICE LATERAL (NOTED ON DRAWING AS SL2)	EA	15	15.00	\$ 1,800.00	\$ 27,000.00
63	15008	CONNECT 3/4" SERVICE LATERAL (NOTED ON DRAWING AS SL3)	EA	5	5.00	\$ 2,750.00	\$ 13,750.00
64	15009	CONNECT 1" SERVICE LATERAL (NOTED ON DRAWING AS SL4)	EA	5	5.00	\$ 3,000.00	\$ 15,000.00
65	15010	CONNECT 1" SERVICE LATERAL (NOTED ON DRAWING AS SL5)	EA	1	1.00	\$ 1,700.00	\$ 1,700.00
66	15011	CONNECT 1" SERVICE LATERAL (NOTED ON DRAWING AS SL6)	EA	1	1.00	\$ 3,200.00	\$ 3,200.00
67	15012	CONNECT 4" SERVICE LATERAL (NOTED ON DRAWING AS SL7)	EA	1	1.00	\$ 7,800.00	\$ 7,800.00
68	15013	CONNECT 8" SERVICE LATERAL (NOTED ON DRAWING AS SL8)	EA	1	1.00	\$ 8,500.00	\$ 8,500.00
69	15014	CONNECT 6" SERVICE LATERAL (NOTED ON DRAWING AS SL9)	EA	1	1.00	\$ 7,200.00	\$ 7,200.00
70	15015	ABANDON EXISTING HYDRANTS	EA	4	4.00	\$ 250.00	\$ 1,000.00
71	15016	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 550.00	\$ 550.00

Total \$ 1,258,808.15

Less Retainage \$ 10,000.00

Total \$ 1,248,808.15

Less Previously Paid \$ 1,222,011.75

Total Amount Due \$ 26,796.40

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$26,796.40 be allowed.

Respectfully Submitted,

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