

SUMMARY TABLE
FOR
PARTIAL PAYMENTS
March 18, 2021

1. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement for Clean Water Plant	\$1,204,257.48
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March 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 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	\$ 159,507.54			\$ 159,507.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 188,001.00			\$ 188,001.00
301.03	ELEC MOBILIZATION TEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 51,786.68			\$ 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	\$ -	\$ 10,000.00		\$ 10,000.00
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 18,700.00			\$ 18,700.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 48,750.00	\$ 10,000.00		\$ 58,750.00
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	\$ -	\$ 1,500.00		\$ 1,500.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ -	\$ 1,500.00		\$ 1,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ -	\$ 641,250.00		\$ 641,250.00

301.26	EARTHWORK	LS	\$ 7,500.00	\$ -	\$ 2,000.00	\$ 2,000.00
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	\$ 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	\$ 43,815.00	\$ 131,445.00	\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 68,681.00	\$ 260,000.00	\$ 328,681.00
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		\$ 10,000.00	\$ 10,000.00
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	\$ 110,000.00	\$ 70,000.00	\$ 180,000.00
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	\$ 91,180.00	\$ 500.00	\$ 91,680.00
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		\$ 3,250.00	\$ 3,250.00
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: \$ 2,649,922.93

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 203,009.58			\$ 203,009.58
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 239,274.00			\$ 239,274.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 65,910.32	\$ 50,000.00		\$ 115,910.32
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	\$ 1,498.45	\$ 4,650.00		\$ 6,148.45
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ -			\$ -
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ -	\$ 20,914.21		\$ 20,914.21
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ -			\$ -
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 6,100.00			\$ 6,100.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 21,400.00			\$ 21,400.00
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	\$ 56,000.00			\$ 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		\$ 9,714.00		\$ 9,714.00
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		\$ 19,626.00		\$ 19,626.00
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		\$ 10,937.70		\$ 10,937.70
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	\$ 41,569.00			\$ 41,569.00
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				\$ -

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: \$ 771,198.94

Total \$ 3,421,121.87

Less Retainage \$ 172,743.60

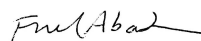
Total \$ 3,248,378.27

Less Previously Paid \$ 2,044,120.79

Total Amount Due \$ 1,204,257.48

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,204,257.48 be allowed.

Respectfully Submitted,



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