



**BOLTON
& MENK**

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MEMORANDUM

Date: October 5, 2020
To: Bob Van Moer, Wastewater Treatment Superintendent
From: Jon D. Peterson, P.E., Project Engineer
Subject: Wastewater Treatment Facility Improvements – Magney Construction Inc.
Pay Request No. 15
City of Marshall, Minnesota
Project No.: T22.115360

INTRODUCTION

Pay Request No. 15 for the above-referenced project in the amount of \$754,035.38 is being submitted for approval.

DISCUSSION

This pay application covers work completed on the project through September 30, 2020. The Contractor has placed concrete the final clarifier mechanism and has completed demolition work on the intermediate clarifier. Trickling filter media has been delivered to the site and has been placed in the trickling filter. In addition, Contractor has been working on site piping around the clarifiers and has nearly completed final site grading around the long-term sludge storage tank and building. We recommend approval of the attached Request for Payment No. 15.

BUDGET IMPACT

This expenditure is part of the overall wastewater treatment facility improvements project and will be covered by the PFA loan proceeds.

ACTION REQUESTED

Approve the attached pay request from Magney Construction Inc. in the total amount of \$754,035.38.

Application for Payment No. 15

To: The City of Marshall, MN

From: Magney Construction, Inc., 1401 Park Road, Chanhassen, MN 55317

Contract: _____

Project: Wastewater Treatment Facility Improvements

Owners Contract No. _____ Engineer's Project No. T22.115360
Date of this Invoice: 9/29/2020
Invoice Work Period: September 1-30, 2020


1) Original Contract amount	\$14,074,300.00
2) Change Orders to date	\$0.00
3) Revised Contract amount	\$14,074,300.00
4) Value completed to date	\$10,803,507.55
5) Materials stored on site	\$128,990.45
6) Total Earned to date	\$10,932,498.00
7) Amount retained	\$546,624.90
8) Amount previously paid	\$9,631,837.72
Amount due this Payment	\$754,035.38

Accompanying Documentation:

CONTRACTOR'S Certification:

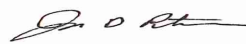
The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all work, materials and equipment incorporated in said Work otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interest or encumbrance (except such as are recovered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance by the Contract Documents and not defective.

Magney Construction, Inc. (Contractor)

By: 
Project Manager

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Owner: City of Marshall Engineer: Bolton & Menk

By: _____ By: 

Date: _____ Date: 10-5-20

Contractor: Magney Construction, Inc.
 Owner: City of Marshall, MN
 Project: Wastewater Treatment Facility Improvements
 BMI Project No. T22.115360

Date of Application:
 Work Completed Through:

APPLICATION FOR PAYMENT SCHEDULE

Spec. Section	Pay Application #15 Description of Work	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
0520	Bond & Insurance	\$ 168,892	168,892.00	0.00	0.00	168,892.00	100%	0.00
1000	Mobilization	\$ 696,545	545,926.00	0.00	0.00	545,926.00	78%	150,619.00
1010	Supervision & General Conditions	\$ 276,000	162,000.00	13,000.00	0.00	175,000.00	63%	101,000.00
1020	General Construction Allowance	\$ 250,000	10,751.29	0.00	0.00	10,751.29	4%	239,248.71
1021	Building Permit Allowance	\$ 10,000	7,499.38	0.00	0.00	7,499.38	75%	2,500.62
2060	Demolition of Existing WWTP Facilities:							
	Trickling Filter Pump Station Top	\$ 4,650	0.00	0.00	0.00	0.00	0%	4,650.00
	Trickling Filter Pump Station Pumps/Piping	\$ 3,480	0.00	0.00	0.00	0.00	0%	3,480.00
	Sludge Control Structure	\$ 13,540	0.00	0.00	0.00	0.00	0%	13,540.00
	Control Building Pumps and Piping	\$ 5,850	0.00	0.00	0.00	0.00	0%	5,850.00
	Blower Building Blowers and Piping	\$ 6,420	3,500.00	0.00	0.00	3,500.00	55%	2,920.00
	Trickling Filter Roof/Media/Rotary Distributor	\$ 62,460	62,460.00	0.00	0.00	62,460.00	100%	0.00
	Aeration Equipment and Piping	\$ 17,500	0.00	0.00	0.00	0.00	0%	17,500.00
	Intermediate Clarifier Equipment	\$ 26,417	0.00	26,417.00	0.00	26,417.00	100%	0.00
2140	Dewatering	\$ 19,555	17,555.00	0.00	0.00	17,555.00	90%	2,000.00
2210	Finish Grading	\$ 14,320	0.00	0.00	0.00	0.00	0%	14,320.00
2220	Structure Excavation - Final Clarifier and Splitter Box	\$ 71,200	71,200.00	0.00	0.00	71,200.00	100%	0.00
2221	Structure Excavation - Sludge Storage Structure	\$ 133,600	133,600.00	0.00	0.00	133,600.00	100%	0.00
2220A	Backfill of Structures - Final Clarifier and Splitter Box	\$ 91,500	85,000.00	6,500.00	0.00	91,500.00	100%	0.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	172,120.00	0.00	0.00	172,120.00	100%	500.00
2370	Erosion and Sediment Control	\$ 12,400	10,000.00	0.00	0.00	10,000.00	81%	2,400.00
2550	Site Utilities	\$ 565,333	458,206.62	25,000.00	0.00	483,206.62	85%	82,126.38
2551	Bypass Piping	\$ 49,504	0.00	0.00	0.00	0.00	0%	49,504.00
2600	Roads, Walks and Curbs	\$ 22,540	9,500.00	5,000.00	0.00	14,500.00	64%	8,040.00
2800	Fencing	\$ 12,200	5,500.00	0.00	0.00	5,500.00	45%	6,700.00
2920	Seeding	\$ 6,100	0.00	0.00	0.00	0.00	0%	6,100.00
3200	Rebar - Materials	\$ 678,400	678,400.00	0.00	0.00	678,400.00	100%	0.00
3201	Rebar - Labor	\$ 457,600	454,830.00	0.00	0.00	454,830.00	99%	2,770.00
3300	Concrete Work							
	Clarifier Splitter Structure	\$ 71,760	71,760.00	0.00	0.00	71,760.00	100%	0.00
	Final Clarifier	\$ 214,650	214,650.00	0.00	0.00	214,650.00	100%	0.00
	Control Structure	\$ 29,075	29,071.00	0.00	0.00	29,071.00	100%	4.00
	Sludge Storage Tank	\$ 2,180,839	2,180,839.00	0.00	0.00	2,180,839.00	100%	0.00
	Miscellaneous Concrete	\$ 1,860.00	0.00	0.00	0.00	0.00	0%	1,860.00
3410	Precast Double Tees	\$ 448,980	448,980.00	0.00	0.00	448,980.00	100%	0.00
3411	Precast Hollow Core Planks	W/Double Tees						

Contractor: Magney Construction, Inc.
 Owner: City of Marshall, MN
 Project: Wastewater Treatment Facility Improvements
 BMI Project No. T22.115360

Date of Application:
 Work Completed Through:

APPLICATION FOR PAYMENT SCHEDULE

	Pay Application #15	Scheduled	Work	Completed	Materials	Total	%	Balance
Spec.		Value	Previous	This	Presently	Completed &	Complete	To
Section	Description of Work		Application	Application	Stored	Stored to Date		Finish
3460	Precast Non-Architectural Wall Panels	W/Double Tees						
5100	Structural Metals, Misc Metals and Handrail	\$ 456,850	393,724.00	25,000.00	0.00	418,724.00	92%	38,126.00
5500	Access Hatches	\$ 7,820	7,296.00	0.00	0.00	7,296.00	93%	524.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 279,400	182,875.00	0.00	0.00	182,875.00	65%	96,525.00
7900	Joint Sealant	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
8110	Hollow Metal Doors, Frames and Hardware	\$ 22,540	18,977.00	0.00	0.00	18,977.00	84%	3,563.00
9960	Painting	\$ 299,000	140,000.00	110,000.00	0.00	250,000.00	84%	49,000.00
10400	Identifying Devices	\$ 3,690	0.00	0.00	0.00	0.00	0%	3,690.00
11213	Vertical Non-Clog Solids Handling Pumps	\$ 212,600	204,274.04	0.00	0.00	204,274.04	96%	8,325.96
11214	Vertical Turbine Pumps	\$ 143,100	0.00	0.00	128,990.45	128,990.45	90%	14,109.55
11311	Submersible Centrifugal Pumps	\$ 17,400	13,500.00	0.00	0.00	13,500.00	78%	3,900.00
11312	Replace Vaughan Chopper Pump	\$ 36,400	32,840.00	0.00	0.00	32,840.00	90%	3,560.00
11316	Progressive Cavity Pumps	\$ 54,750	50,125.00	0.00	0.00	50,125.00	92%	4,625.00
11321	Grit Separation Equipment	\$ 96,560	96,560.00	0.00	0.00	96,560.00	100%	0.00
11351	Clarifier Equipment - Suction Type Clarifier	\$ 428,500	387,864.00	33,636.00	0.00	421,500.00	98%	7,000.00
11365	Gravity Actuated Rotary Distributor	\$ 135,840	104,200.00	0.00	0.00	104,200.00	77%	31,640.00
11366	Trickling Filter Media	\$ 345,600	0.00	285,600.00	0.00	285,600.00	83%	60,000.00
11372	Blower Allowance	\$ 650,000	483,118.19	0.00	0.00	483,118.19	74%	166,881.81
11372	Blower System (Positive Displacement w/ Enclosure)	\$ 4,630	3,300.00	0.00	0.00	3,300.00	71%	1,330.00
11374	Fine Pore Membrane Aeration Equipment	\$ 82,900	0.00	0.00	0.00	0.00	0%	82,900.00
11376	Hybrid Blower System	\$ 6,800	4,000.00	1,000.00	0.00	5,000.00	74%	1,800.00
13126	Circular Tank Covers	\$ 185,300	0.00	0.00	0.00	0.00	0%	185,300.00
13262	Long Term Storage Mixing System	\$ 266,500	256,740.00	0.00	0.00	256,740.00	96%	9,760.00
13263	ATAD Equipment Replacement	\$ 140,000	117,800.00	0.00	0.00	117,800.00	84%	22,200.00
13263	ATAD Equipment Installation	\$ 29,850	0.00	0.00	0.00	0.00	0%	29,850.00
13320	Blower Master Control Panel	\$ 900	0.00	0.00	0.00	0.00	0%	900.00
13890	Slide Gates	\$ 10,500	8,943.00	1,557.00	0.00	10,500.00	100%	0.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	14,310.00	16,890.00	0.00	31,200.00	100%	0.00
14620	Portable Hoist	\$ 9,200	7,982.75	1,000.00	0.00	8,982.75	98%	217.25
15060	Process Piping - Materials	\$ 307,200	281,068.51	12,131.00	0.00	293,199.51	95%	14,000.49
15060	Process Piping - Labor	\$ 172,800	67,500.00	30,000.00	0.00	97,500.00	56%	75,300.00
15100	Valves - Materials	\$ 744,040	617,257.64	43,000.00	0.00	660,257.64	89%	83,782.36
15130	Gauges	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
15140	Pipe Supports and Anchors	\$ 11,600	2,500.00	0.00	0.00	2,500.00	22%	9,100.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 34,500	34,300.00	0.00	0.00	34,300.00	99%	200.00
15250	Plumbing	\$ 14,800	0.00	0.00	0.00	0.00	0%	14,800.00
15500	HVAC	\$ 97,800	23,025.13	0.00	0.00	23,025.13	24%	74,774.87

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Spec.	Pay Application #15	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
16010	Electrical - Mobilization, Permits and Job Overhead	\$ 100,000	53,000.00	3,500.00	0.00	56,500.00	57%	43,500.00
16100	Basic Materials and Methods	\$ 260,575	58,858.00	3,500.00	0.00	62,358.00	24%	198,217.00
16150	Motors	\$ 20,000	0.00	0.00	0.00	0.00	0%	20,000.00
16400	Electrical Distribution	\$ 83,000	13,855.00	3,000.00	0.00	16,855.00	20%	66,145.00
16900	Starters and Motor Control Centers	\$ 463,000	456,743.00	3,000.00	0.00	459,743.00	99%	3,257.00
16950	Instrumentation and Controls	\$ 958,165	0.00	16,000.00	0.00	16,000.00	2%	942,165.00
16990	Computer Allowance	\$ 50,000	0.00	0.00	0.00	0.00	0%	50,000.00
	Totals	14,074,300.00	10,138,776.55	664,731.00	128,990.45	10,932,498.00	78%	3,141,802.00
		0.00						
	Original Contract amount		14,074,300.00					
	Change Orders to date		0.00					
	Revised Contract amount		14,074,300.00					
	Value completed to date		10,803,507.55					
	Materials stored on site		128,990.45					
	Total Earned to date		10,932,498.00					
	Amount retained		546,624.90					
	Amount previously paid		9,631,837.72					
	Amount due this Payment		754,035.38					